

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. Dissolved oxygen, minimum extremes are reported only as <1.0 mg/L. Dissolved oxygen, percent saturation, minimum extremes are reported only as <10%.

EXTREMES FOR PERIOD OF DAILY RECORD.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE (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	31.6, August 4, 2002	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 period
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	115, May 11, 2003	<10, on many days during the period
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	115, November 30, 1999	< 10, on many days during period

EXTREMES FOR CURRENT WATER YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE (TOP), microsiemens	254, April 1	92, August 18
SPECIFIC CONDUCTANCE (BOTTOM), microsiemens	248, April 1	90, August 18
pH (TOP), standard units	7.6, February 14, 15, 16, March 23	6.4, October 1, 2, 3, August 19
pH (BOTTOM), standard units	7.5, January 25, February 2	6.4, October 1, 2, 3
WATER TEMPERATURE (TOP), C	31.4, July 16	2.9, January 31
WATER TEMPERATURE (BOTTOM), C	30.0, July 14, 17	2.8, January 31
DISSOLVED OXYGEN (TOP), mg/L	12.9, February 2	<1.0, October 1, 2
DISSOLVED OXYGEN (BOTTOM), mg/L	12.4, February 14, 16	<1.0, October 1, 2
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	104, July 26	<10, October 1, 2
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	99, March 5	<10, October 1, 2

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

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	111	102	106	114	109	111	139	121	125	105	103	104
2	103	101	102	115	108	111	128	119	124	107	103	105
3	107	100	102	115	109	112	137	123	128	107	105	106
4	109	106	107	119	110	114	130	104	125	109	106	107
5	111	106	108	119	114	116	139	115	124	110	107	108
6	108	106	107	123	113	118	131	123	126	112	107	109
7	110	101	105	118	108	112	132	119	125	110	107	108
8	104	102	103	115	106	110	134	122	127	112	109	110
9	105	102	104	116	105	111	132	122	127	113	110	111
10	113	101	104	124	108	114	132	116	126	114	110	112
11	112	107	109	124	118	121	144	108	118	116	112	114
12	116	110	112	125	107	116	125	109	115	117	108	114
13	119	115	116	115	106	109	133	117	121	112	108	110
14	119	113	116	157	107	120	144	101	113	114	110	112
15	123	109	113	129	117	121	107	93	100	121	111	113
16	117	106	113	125	120	122	97	93	95	126	111	117
17	115	107	110	125	121	123	97	93	96	131	120	126
18	119	113	115	136	120	122	105	93	96	131	125	129
19	116	113	114	127	118	122	105	95	97	138	123	127
20	120	113	116	120	108	111	96	94	95	137	120	125
21	119	108	116	124	108	114	95	94	95	132	121	126
22	113	108	110	129	117	122	100	94	97	136	128	131
23	116	109	112	130	118	122	100	98	99	155	126	137
24	116	110	113	130	115	121	100	98	99	147	125	137
25	117	110	113	156	116	122	99	97	98	205	114	148
26	115	109	112	129	119	123	99	97	98	165	133	147
27	122	109	115	133	118	125	101	98	99	185	133	157
28	146	119	125	134	114	123	102	99	101	186	145	162
29	125	115	121	135	114	119	103	100	102	187	131	152
30	121	111	117	135	119	124	103	101	102	151	134	141
31	121	109	113	---	---	---	104	102	103	174	129	136
MONTH	146	100	111	157	105	118	144	93	110	205	103	124
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	139	125	132	113	111	112	254	186	212	132	128	130
2	143	126	134	114	111	112	236	184	197	133	127	130
3	161	138	148	117	111	114	249	182	217	136	128	132
4	169	139	149	121	115	117	223	176	192	132	124	127
5	166	137	149	129	118	122	227	163	193	133	126	129
6	158	140	147	142	121	128	234	161	196	135	128	132
7	155	140	146	137	128	132	211	180	192	133	121	127
8	147	127	134	141	122	129	195	162	181	130	121	125
9	135	123	130	145	113	135	176	151	161	128	120	124
10	130	118	124	157	131	139	175	115	151	132	122	127
11	128	117	122	154	128	140	178	140	155	133	125	128
12	128	112	118	181	146	156	193	141	161	133	126	129
13	119	112	116	233	141	163	164	138	149	136	126	130
14	120	114	117	189	146	157	190	135	160	134	128	131
15	124	114	117	166	155	159	166	134	148	137	129	132
16	121	108	112	165	151	157	172	138	148	140	129	134
17	110	102	107	176	141	159	145	133	137	140	120	133
18	106	100	102	143	135	138	137	124	130	128	118	122
19	105	95	102	153	123	133	130	119	124	127	120	124
20	117	94	101	187	130	142	128	120	124	139	120	127
21	117	111	114	160	136	143	127	118	123	136	123	127
22	116	110	112	179	138	158	129	121	125	163	136	149
23	115	101	107	170	144	154	129	122	125	153	112	138
24	104	102	103	162	143	155	133	123	127	155	125	139
25	103	101	102	143	127	133	129	121	125	148	134	139
26	111	102	105	152	125	142	129	122	126	143	132	137
27	112	105	107	161	142	148	130	121	124	140	128	134
28	109	105	107	182	139	161	127	121	123	147	127	132
29	113	108	110	225	118	173	130	124	127	147	129	134
30	---	---	---	159	134	143	132	126	128	140	128	133
31	---	---	---	187	129	150	---	---	---	144	132	136
MONTH	169	94	120	233	111	142	254	115	153	163	112	131

ROANOKE RIVER BASIN

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

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, TOP—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	154	134	139	138	128	131	151	128	140	159	130	137
2	162	133	141	136	126	130	157	132	141	143	132	138
3	156	129	146	136	127	130	184	118	134	138	123	130
4	162	118	142	139	127	132	148	118	130	132	121	126
5	207	118	129	142	128	135	147	120	135	129	121	125
6	127	118	124	146	121	135	174	118	135	150	103	126
7	149	123	137	154	118	135	132	122	127	126	118	123
8	164	136	147	151	122	135	144	126	132	136	121	130
9	154	139	146	150	123	135	135	124	130	142	129	132
10	154	140	147	157	135	144	136	111	129	147	122	132
11	164	129	141	155	140	146	140	130	136	131	126	128
12	171	122	140	159	140	150	143	132	137	133	117	127
13	140	126	132	165	138	155	154	128	135	129	117	123
14	139	131	135	163	135	144	171	114	129	132	122	127
15	142	127	132	176	128	145	148	115	125	135	125	129
16	139	129	134	180	148	161	129	115	120	130	118	124
17	146	131	136	184	162	172	122	100	108	137	123	128
18	147	132	138	207	176	191	105	92	97	145	125	133
19	143	129	134	202	165	187	101	93	96	146	126	131
20	142	129	134	181	149	171	101	99	100	130	114	123
21	138	114	129	187	138	163	102	99	100	126	105	120
22	148	134	140	172	132	150	108	100	103	131	114	126
23	135	121	127	185	143	150	107	102	104	133	121	127
24	187	132	142	184	148	163	110	106	107	135	125	128
25	164	141	155	166	150	155	112	106	110	135	123	129
26	199	142	155	164	142	155	113	110	112	141	124	131
27	164	139	145	161	147	152	118	112	115	142	124	129
28	153	136	144	186	147	159	127	114	118	142	124	132
29	146	128	134	169	132	149	128	117	122	138	124	130
30	142	128	133	152	132	144	137	119	128	138	125	130
31	---	---	---	147	123	134	174	121	133	---	---	---
MONTH	207	114	139	207	118	150	184	92	122	159	103	128

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

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	111	102	106	113	108	111	133	119	123	106	104	104
2	103	101	101	114	107	111	126	118	123	107	104	106
3	107	100	102	114	108	111	131	123	126	108	106	107
4	109	107	108	118	109	113	129	108	124	110	107	108
5	112	107	108	119	113	116	137	114	122	110	108	109
6	109	107	108	122	113	118	129	122	125	112	108	109
7	111	102	105	118	107	111	130	118	123	111	107	109
8	105	103	104	115	106	111	132	122	126	112	109	111
9	106	103	105	116	106	112	131	121	126	113	111	112
10	113	101	104	124	107	115	131	116	124	114	111	112
11	111	107	109	123	118	120	141	107	117	117	112	114
12	115	110	111	125	105	115	124	108	115	118	108	114
13	117	114	115	113	105	108	131	116	120	112	108	110
14	118	112	114	139	106	118	141	106	113	114	109	112
15	121	108	112	126	117	120	107	94	101	121	110	112
16	115	105	112	122	118	120	97	94	95	126	111	117
17	114	105	109	125	118	121	98	94	96	131	120	126
18	118	112	114	134	117	120	107	94	97	131	124	128
19	114	111	113	125	116	120	106	96	98	138	122	127
20	118	112	115	118	106	110	97	95	96	137	119	125
21	118	107	114	121	105	112	96	95	96	132	121	126
22	112	107	109	127	115	120	101	95	97	135	128	131
23	115	109	112	128	115	119	101	99	100	154	125	137
24	117	108	112	128	113	118	101	99	100	147	125	136
25	117	109	112	154	114	120	100	98	99	213	129	151
26	114	108	111	127	117	122	100	98	99	165	134	148
27	122	109	114	131	116	123	102	99	100	184	134	157
28	146	117	125	132	112	121	103	100	101	186	145	163
29	125	115	120	132	113	117	104	101	102	185	131	152
30	120	111	116	132	117	123	104	102	103	152	133	141
31	120	109	112	---	---	---	104	103	104	176	129	136
MONTH	146	100	111	154	105	117	141	94	109	213	104	124
DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	139	126	132	113	111	112	248	184	205	130	127	128
2	144	127	134	115	111	112	237	184	194	133	126	129
3	161	138	149	117	113	114	244	181	215	136	127	131
4	173	139	150	120	115	117	222	176	190	131	123	127
5	168	137	150	128	118	122	226	163	194	131	125	128
6	161	139	148	141	120	127	236	162	198	135	127	131
7	155	140	146	136	127	132	227	179	192	133	121	126
8	148	127	134	140	123	129	197	162	182	131	121	126
9	135	122	129	145	114	136	190	152	162	128	120	124
10	130	118	124	156	132	139	177	116	152	134	123	128
11	128	117	122	152	129	139	181	139	157	131	126	129
12	127	112	118	181	146	158	194	136	162	132	127	130
13	120	113	116	234	139	163	165	139	151	137	126	130
14	120	114	117	186	146	157	186	136	160	135	128	131
15	124	114	118	166	154	159	165	135	148	138	129	132
16	121	108	112	165	150	156	172	137	149	141	130	134
17	110	102	107	175	143	159	146	133	138	143	121	134
18	106	100	102	144	136	138	138	124	131	129	119	123
19	106	95	102	153	122	132	131	119	124	127	120	125
20	117	94	101	187	130	141	129	122	125	139	121	129
21	117	111	114	160	136	142	126	120	123	137	124	128
22	116	111	113	177	138	157	129	121	125	166	137	150
23	115	102	108	178	143	155	129	121	125	154	113	142
24	104	102	103	161	142	155	134	123	126	156	133	142
25	103	101	102	142	126	134	127	121	124	146	136	140
26	112	102	106	153	126	142	127	120	124	146	133	138
27	113	106	108	158	141	147	131	120	124	146	129	135
28	110	106	108	180	151	161	128	120	123	145	128	133
29	113	109	111	224	116	175	129	124	126	147	130	136
30	---	---	---	160	134	144	131	125	127	144	130	135
31	---	---	---	184	120	151	---	---	---	146	132	137
MONTH	173	94	120	234	111	142	248	116	153	166	113	132

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

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS, BOTTOM—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	155	134	140	132	123	126	153	129	140	158	129	136
2	164	134	145	133	123	127	158	132	143	142	128	136
3	157	137	148	133	122	127	190	118	135	135	124	129
4	161	114	141	137	122	128	149	119	132	133	122	127
5	220	116	128	139	126	132	147	121	135	129	122	125
6	127	117	122	146	116	133	163	117	134	154	103	127
7	148	126	136	149	114	132	131	120	126	128	117	123
8	165	134	147	149	118	130	141	124	129	137	122	130
9	155	137	145	152	119	134	131	123	127	143	129	133
10	152	139	145	159	136	145	134	106	127	149	122	132
11	162	128	141	158	141	148	139	127	134	133	126	129
12	169	127	138	159	141	152	139	129	135	134	118	128
13	139	124	129	163	152	157	151	125	132	131	118	124
14	139	130	133	162	136	148	174	112	127	133	124	128
15	141	126	131	182	130	148	148	112	122	137	126	130
16	138	129	133	184	150	162	128	113	118	131	119	126
17	141	129	135	178	163	170	120	98	106	138	124	129
18	142	130	137	206	165	186	102	90	94	146	127	135
19	143	126	132	206	169	187	98	91	94	145	126	133
20	142	127	133	183	146	174	100	97	98	132	116	124
21	140	114	129	191	136	165	101	97	98	129	107	122
22	147	132	140	181	134	152	106	98	101	134	121	129
23	134	120	126	176	142	149	104	100	102	134	123	129
24	190	130	141	180	147	164	108	104	105	136	123	129
25	163	141	153	166	150	156	109	103	107	136	121	130
26	201	139	153	166	142	156	112	108	109	143	126	132
27	163	136	142	163	148	154	116	110	113	145	124	131
28	149	133	141	188	149	160	128	112	116	146	125	135
29	143	124	130	167	132	149	130	115	119	140	123	132
30	138	123	129	152	134	144	135	117	127	139	126	130
31	---	---	---	144	123	134	175	121	132	---	---	---
MONTH	220	114	137	206	114	149	190	90	120	158	103	129

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

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

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

ROANOKE RIVER BASIN

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

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.1	7.0	7.0	7.1	7.0	7.0	7.0	6.8	6.9	6.6	6.6	6.6
2	7.0	7.0	7.0	7.1	7.0	7.0	7.0	6.8	6.9	6.8	6.6	6.7
3	7.1	7.0	7.0	7.0	7.0	7.0	7.1	6.9	6.9	7.1	6.8	6.9
4	7.2	7.0	7.0	7.0	7.0	7.0	6.9	6.8	6.8	7.1	7.0	7.1
5	7.2	6.8	6.9	7.0	6.9	7.0	7.0	6.8	6.9	7.1	7.0	7.1
6	6.9	6.8	6.8	7.0	6.9	7.0	7.0	6.9	7.0	7.1	7.0	7.0
7	7.0	6.8	6.9	7.1	6.9	7.0	6.9	6.7	6.8	7.0	6.9	6.9
8	7.0	6.9	6.9	7.1	7.0	7.0	6.8	6.7	6.8	7.0	6.9	6.9
9	7.0	6.9	7.0	7.2	7.0	7.1	6.8	6.8	6.8	7.0	6.9	7.0
10	7.0	6.9	7.0	7.4	7.2	7.2	6.8	6.8	6.8	6.9	6.8	6.9
11	7.0	6.9	7.0	7.3	7.2	7.2	7.0	6.8	6.9	6.9	6.8	6.8
12	7.2	6.9	7.1	7.4	7.2	7.3	7.0	6.9	7.0	6.9	6.9	6.9
13	7.1	7.0	7.1	7.4	7.2	7.3	7.0	6.9	7.0	7.0	6.9	7.0
14	7.1	7.1	7.1	7.3	7.2	7.2	7.0	6.9	7.0	7.0	7.0	7.0
15	7.2	7.1	7.1	7.3	7.1	7.2	6.9	6.8	6.9	7.0	7.0	7.0
16	7.2	7.1	7.1	7.4	7.0	7.2	6.9	6.8	6.8	7.0	6.9	7.0
17	7.2	7.1	7.1	7.3	7.0	7.2	6.8	6.6	6.7	7.0	6.9	7.0
18	7.2	7.1	7.1	7.3	7.1	7.2	6.6	6.5	6.5	7.0	7.0	7.0
19	7.1	7.0	7.1	7.3	7.1	7.1	6.5	6.4	6.5	7.0	7.0	7.0
20	7.1	7.0	7.1	7.3	7.0	7.1	6.5	6.5	6.5	7.0	6.9	6.9
21	7.1	7.0	7.0	7.3	6.9	7.1	6.5	6.5	6.5	7.0	6.9	6.9
22	7.1	7.0	7.0	7.1	6.9	7.0	6.5	6.5	6.5	6.9	6.9	6.9
23	7.0	7.0	7.0	7.1	6.9	7.0	6.5	6.5	6.5	7.0	6.9	6.9
24	7.1	7.0	7.0	7.1	7.0	7.1	6.6	6.5	6.5	7.1	6.9	7.0
25	7.0	7.0	7.0	7.1	7.0	7.1	6.6	6.5	6.6	7.1	7.0	7.1
26	7.1	7.0	7.0	7.2	7.0	7.1	6.6	6.5	6.6	7.2	7.1	7.1
27	7.1	6.9	7.0	7.1	7.0	7.1	6.6	6.6	6.6	7.1	7.0	7.1
28	7.1	7.0	7.1	7.1	7.0	7.1	6.6	6.5	6.5	7.1	7.0	7.0
29	7.1	7.0	7.1	7.1	7.0	7.0	6.6	6.5	6.5	7.0	6.9	6.9
30	7.0	7.0	7.0	7.0	6.9	7.0	6.6	6.6	6.6	6.9	6.8	6.9
31	---	---	---	7.0	6.8	6.9	6.7	6.6	6.6	---	---	---
MONTH	7.2	6.8	7.0	7.4	6.8	7.1	7.1	6.4	6.7	7.2	6.6	7.0

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

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

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

ROANOKE RIVER BASIN

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

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

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

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

TEMPERATURE, WATER, DEGREES CELSIUS, TOP
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.2	20.5	20.8	17.2	16.8	17.0	12.8	12.3	12.5	7.5	7.2	7.4
2	20.5	19.8	20.2	17.2	16.7	16.9	12.4	11.7	12.1	7.7	7.2	7.5
3	19.8	18.7	19.2	17.4	16.9	17.1	11.7	10.7	11.2	8.4	7.7	8.1
4	18.8	18.5	18.7	17.8	17.4	17.6	10.8	10.2	10.5	9.6	8.4	9.1
5	19.4	18.7	19.0	18.6	17.8	18.2	10.5	10.2	10.3	11.0	9.6	10.4
6	19.6	19.1	19.3	19.4	18.6	19.0	10.2	9.4	9.9	11.4	10.6	11.1
7	19.9	19.3	19.6	19.4	19.1	19.3	9.4	9.1	9.3	10.6	7.8	9.2
8	19.9	19.6	19.8	19.2	18.1	18.7	9.2	8.9	9.1	7.8	6.6	7.2
9	20.5	19.8	20.1	18.1	17.0	17.4	9.1	8.8	8.9	6.6	6.1	6.5
10	20.7	20.3	20.5	17.0	16.4	16.6	9.8	8.8	9.0	6.1	5.0	5.6
11	20.5	20.2	20.4	16.9	16.2	16.5	9.7	9.3	9.5	5.0	4.1	4.6
12	20.6	20.1	20.3	17.0	16.4	16.6	9.4	9.2	9.3	4.3	3.9	4.1
13	21.0	20.3	20.6	16.6	15.4	16.3	9.2	8.8	9.1	4.8	4.2	4.5
14	20.6	20.4	20.5	15.6	14.8	15.2	9.2	8.7	9.0	5.0	4.5	4.8
15	20.4	19.8	20.1	14.9	14.3	14.6	8.9	8.4	8.6	5.3	4.9	5.1
16	19.8	19.2	19.5	14.9	14.3	14.6	8.5	8.1	8.3	5.3	5.0	5.2
17	19.3	18.8	19.0	15.2	14.6	14.8	8.5	8.2	8.4	5.3	5.1	5.2
18	18.9	18.6	18.7	15.2	14.6	14.9	8.3	7.7	8.1	5.6	5.2	5.4
19	18.7	18.2	18.4	15.7	14.9	15.3	7.7	6.9	7.3	5.9	5.6	5.8
20	18.7	18.0	18.3	15.4	15.0	15.2	7.0	6.0	6.6	5.7	5.3	5.6
21	18.6	18.1	18.4	15.4	14.8	15.0	6.0	5.4	5.8	5.5	5.1	5.3
22	18.6	18.4	18.5	15.2	14.8	15.0	5.5	5.3	5.4	5.7	5.0	5.3
23	18.4	18.1	18.2	15.4	14.8	15.0	6.4	5.4	5.9	5.5	5.1	5.3
24	18.1	17.4	17.6	15.3	14.7	15.0	8.1	6.4	7.4	5.6	4.9	5.2
25	17.5	17.3	17.4	15.0	14.4	14.8	8.3	7.8	8.2	5.2	3.8	4.6
26	17.7	17.2	17.5	14.5	14.1	14.3	7.8	6.7	7.2	4.3	3.9	4.1
27	17.9	17.6	17.7	14.2	13.9	14.1	6.7	6.4	6.6	4.2	3.7	3.9
28	17.8	17.5	17.7	14.8	14.0	14.3	6.7	6.4	6.6	4.3	3.7	4.0
29	17.9	17.4	17.6	14.2	12.8	13.5	6.9	6.5	6.7	4.3	3.4	3.8
30	17.7	17.3	17.5	12.9	12.4	12.7	8.0	6.9	7.6	3.8	3.3	3.6
31	17.5	17.0	17.2	---	---	---	8.0	7.4	7.8	3.8	2.9	3.4
MONTH	21.2	17.0	19.0	19.4	12.4	15.8	12.8	5.3	8.5	11.4	2.9	5.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	4.0	3.4	3.8	7.4	6.1	7.0	14.2	13.5	13.7	19.3	18.8	19.0
2	3.8	3.2	3.5	8.9	7.4	8.4	14.4	13.5	13.9	19.7	19.1	19.4
3	4.2	3.6	4.0	10.2	8.9	9.8	14.8	13.8	14.3	19.7	19.2	19.4
4	4.7	3.9	4.2	11.4	10.0	10.8	15.0	13.7	14.4	19.3	18.6	18.9
5	4.5	4.2	4.3	12.8	11.1	11.9	14.5	13.8	14.1	19.2	18.1	18.6
6	6.0	4.3	5.0	13.3	12.4	12.9	15.3	13.6	14.2	19.5	18.3	18.7
7	7.0	5.8	6.4	13.4	12.8	13.1	16.0	13.3	14.3	20.4	19.1	19.7
8	6.6	6.0	6.3	13.2	12.6	12.9	15.5	14.1	14.8	21.1	20.1	20.5
9	6.0	5.7	5.8	12.8	12.3	12.5	16.5	14.8	15.4	21.3	20.4	20.8
10	6.2	5.8	5.9	12.4	11.0	11.7	16.3	15.3	15.7	22.2	21.0	21.5
11	6.4	6.1	6.2	11.8	10.5	11.1	16.2	15.5	15.8	22.5	21.8	22.0
12	6.2	5.4	5.8	12.0	10.8	11.4	16.1	15.6	15.8	23.2	21.9	22.6
13	5.8	5.2	5.5	11.8	11.0	11.3	16.8	15.6	16.1	22.9	22.5	22.7
14	5.7	5.4	5.5	11.6	11.1	11.3	16.5	15.9	16.3	23.9	22.5	23.2
15	5.5	5.2	5.4	11.5	11.3	11.3	16.0	15.5	15.7	24.3	23.4	23.8
16	5.2	4.6	4.9	11.6	11.2	11.3	16.0	15.2	15.5	24.6	23.6	24.0
17	4.7	4.4	4.5	11.4	11.1	11.3	16.1	14.8	15.4	24.6	23.9	24.2
18	5.0	4.4	4.7	12.0	10.9	11.3	16.5	15.2	15.8	25.4	23.9	24.6
19	5.3	4.6	5.0	12.0	11.3	11.6	16.6	15.7	16.0	25.9	24.3	24.9
20	6.1	5.1	5.6	12.3	11.1	11.7	16.9	15.8	16.2	26.0	24.8	25.0
21	7.3	6.1	6.8	12.5	11.8	12.1	17.6	16.5	17.1	27.2	25.1	25.7
22	7.9	7.2	7.6	12.1	11.1	11.5	18.3	17.4	17.8	27.3	25.7	26.0
23	7.9	7.4	7.6	12.5	10.9	11.3	19.5	18.1	18.7	27.1	25.7	26.2
24	7.8	7.4	7.6	12.5	10.9	11.7	19.3	18.8	19.0	27.0	25.7	26.2
25	7.5	7.1	7.3	13.0	11.4	12.3	19.0	18.6	18.8	26.8	26.2	26.5
26	7.3	6.1	6.8	13.5	12.2	12.9	19.5	18.7	19.0	27.2	26.1	26.6
27	6.1	5.3	5.7	14.4	13.0	13.6	19.6	19.0	19.2	27.1	26.0	26.4
28	5.4	5.2	5.3	14.7	13.7	14.1	19.2	18.4	18.8	28.1	26.3	27.2
29	6.3	5.3	6.0	14.2	13.0	13.5	19.3	18.2	18.7	27.9	27.0	27.4
30	---	---	---	13.7	12.9	13.2	19.2	18.2	18.7	27.2	26.2	26.6
31	---	---	---	13.5	13.0	13.2	---	---	---	26.9	25.9	26.4
MONTH	7.9	3.2	5.6	14.7	6.1	11.7	19.6	13.3	16.3	28.1	18.1	23.4

ROANOKE RIVER BASIN

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

TEMPERATURE, WATER, DEGREES CELSIUS, TOP—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	27.4	26.2	26.6	26.7	25.8	26.3	30.9	28.9	29.3	26.6	26.4	26.5
2	27.5	26.0	26.6	27.1	26.4	26.7	29.3	28.8	29.0	26.9	26.1	26.5
3	28.2	26.2	26.5	27.0	26.4	26.6	28.8	28.0	28.3	26.6	25.7	26.1
4	26.8	25.6	26.3	26.8	26.2	26.5	28.8	27.6	28.1	26.8	26.3	26.4
5	25.8	24.9	25.3	27.4	26.4	26.8	29.0	28.4	28.7	26.5	26.0	26.2
6	25.9	24.9	25.2	28.5	27.1	27.7	28.8	27.3	28.0	26.6	25.9	26.1
7	26.3	25.2	25.5	29.0	27.7	28.3	27.3	26.4	26.8	26.0	25.7	25.9
8	26.0	25.1	25.5	28.8	27.9	28.3	27.3	26.3	26.8	26.1	25.7	25.8
9	26.2	25.2	25.6	28.9	28.0	28.4	27.3	26.6	27.0	26.5	25.9	26.1
10	26.7	25.2	25.8	30.2	28.5	28.9	27.2	26.5	26.9	26.4	26.0	26.2
11	26.8	25.8	26.2	29.4	29.0	29.2	27.3	26.6	26.9	26.1	25.6	25.8
12	26.9	26.0	26.3	29.7	28.7	29.2	27.4	26.8	27.1	26.0	25.5	25.7
13	26.0	25.1	25.6	30.3	28.7	29.2	27.2	26.7	27.0	25.9	25.2	25.5
14	25.8	25.0	25.4	30.7	29.1	29.6	26.7	25.9	26.4	25.4	25.0	25.2
15	26.5	25.3	25.9	30.6	29.3	29.9	25.9	25.2	25.5	25.6	24.9	25.2
16	26.4	25.6	26.0	31.4	29.4	29.9	25.4	24.9	25.1	25.9	25.3	25.5
17	26.2	25.6	25.8	30.7	29.2	29.9	25.1	24.6	24.8	25.8	25.2	25.5
18	27.0	25.6	26.2	30.4	29.6	29.9	24.6	24.1	24.3	25.5	24.5	25.1
19	27.1	26.2	26.6	30.2	29.4	29.6	25.1	23.9	24.5	24.5	23.6	23.9
20	26.9	26.1	26.5	30.2	29.1	29.5	25.6	24.8	25.2	23.6	22.8	23.1
21	26.8	25.5	26.0	30.5	29.2	29.6	26.1	25.3	25.7	23.4	22.4	22.8
22	27.8	26.3	26.8	30.3	29.5	29.8	26.0	25.7	25.8	23.2	22.4	22.8
23	28.3	26.8	27.3	29.7	28.9	29.1	25.7	25.1	25.3	23.4	22.8	23.1
24	27.8	27.2	27.4	29.1	28.7	28.9	25.3	24.8	25.1	23.6	23.1	23.3
25	28.4	27.4	27.8	29.0	28.4	28.7	25.4	24.8	25.1	23.9	23.1	23.5
26	27.9	27.1	27.3	30.3	28.4	28.7	25.6	24.8	25.1	24.4	23.5	23.7
27	27.3	26.3	26.7	29.3	28.4	28.8	26.2	25.2	25.6	24.1	23.8	23.9
28	26.9	26.1	26.5	28.9	28.4	28.6	26.8	25.6	26.0	24.1	23.8	23.9
29	26.4	25.7	25.9	28.8	28.1	28.4	26.8	26.1	26.4	24.0	23.5	23.7
30	26.3	25.7	26.0	29.8	28.2	28.6	26.5	26.2	26.4	24.0	23.8	23.9
31	---	---	---	29.9	28.6	29.1	26.6	25.9	26.2	---	---	---
MONTH	28.4	24.9	26.2	31.4	25.8	28.7	30.9	23.9	26.4	26.9	22.4	24.9

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

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.2	20.5	20.8	17.2	16.8	17.0	12.9	12.2	12.5	7.5	7.2	7.4
2	20.5	19.7	20.2	17.1	16.7	16.9	12.4	11.7	12.1	7.6	7.2	7.4
3	19.7	18.6	19.2	17.4	16.9	17.0	11.8	10.8	11.2	8.3	7.6	8.0
4	18.8	18.5	18.6	17.7	17.3	17.5	10.8	10.2	10.6	9.5	8.3	9.0
5	19.3	18.7	19.0	18.6	17.7	18.2	10.6	10.2	10.4	10.9	9.5	10.3
6	19.5	19.1	19.2	19.3	18.6	18.9	10.3	9.4	9.9	11.3	10.5	11.1
7	19.8	19.3	19.5	19.4	19.1	19.3	9.5	9.2	9.3	10.5	7.7	9.1
8	19.9	19.6	19.8	19.2	17.8	18.6	9.3	8.9	9.1	7.7	6.6	7.1
9	20.4	19.8	20.1	17.9	16.7	17.2	9.1	8.8	9.0	6.6	6.0	6.4
10	20.6	20.3	20.5	16.8	16.2	16.4	9.7	8.8	9.0	6.0	4.9	5.5
11	20.5	20.1	20.3	16.7	16.1	16.4	9.7	9.3	9.6	4.9	4.0	4.5
12	20.4	20.0	20.2	16.9	16.3	16.6	9.5	9.2	9.3	4.2	3.8	4.0
13	20.9	20.3	20.5	16.6	15.3	16.3	9.3	8.8	9.1	4.7	4.1	4.4
14	20.6	20.4	20.5	15.4	14.7	15.2	9.3	8.8	9.1	4.9	4.5	4.7
15	20.4	19.8	20.0	14.8	14.4	14.6	9.0	8.5	8.7	5.2	4.8	5.0
16	19.8	19.2	19.5	14.9	14.4	14.6	8.5	8.2	8.3	5.2	5.0	5.1
17	19.2	18.7	19.0	15.1	14.7	14.9	8.5	8.1	8.3	5.2	5.0	5.1
18	18.9	18.6	18.7	15.1	14.7	14.9	8.2	7.6	8.0	5.5	5.2	5.3
19	18.6	18.1	18.4	15.7	15.0	15.3	7.6	6.9	7.3	5.8	5.5	5.7
20	18.6	18.0	18.3	15.4	15.1	15.3	6.9	6.0	6.5	5.7	5.3	5.5
21	18.6	18.1	18.4	15.1	14.7	14.9	6.0	5.3	5.7	5.4	5.0	5.2
22	18.6	18.4	18.5	15.2	14.8	15.0	5.4	5.3	5.3	5.6	5.0	5.2
23	18.4	17.9	18.1	15.2	14.9	15.0	6.3	5.3	5.8	5.4	5.0	5.2
24	18.0	17.3	17.6	15.3	14.8	15.1	8.0	6.3	7.3	5.5	4.8	5.1
25	17.5	17.2	17.3	15.1	14.4	14.8	8.3	7.7	8.1	5.2	3.9	4.5
26	17.6	17.2	17.4	14.5	14.0	14.3	7.7	6.6	7.2	4.3	3.8	4.0
27	17.8	17.5	17.6	14.2	13.9	14.1	6.6	6.4	6.5	4.1	3.6	3.9
28	17.8	17.5	17.7	14.7	14.0	14.3	6.6	6.4	6.5	4.2	3.6	3.9
29	17.8	17.2	17.5	14.3	12.7	13.6	6.8	6.4	6.7	4.2	3.3	3.7
30	17.6	17.1	17.4	12.9	12.4	12.6	7.9	6.8	7.5	3.7	3.2	3.5
31	17.4	16.9	17.2	---	---	---	7.9	7.4	7.7	3.8	2.8	3.3
MONTH	21.2	16.9	18.9	19.4	12.4	15.8	12.9	5.3	8.4	11.3	2.8	5.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.9	3.4	3.7	7.4	6.2	7.0	13.9	13.3	13.6	19.3	18.7	19.0
2	3.7	3.2	3.4	8.9	7.4	8.4	14.0	13.4	13.6	19.6	19.0	19.3
3	4.1	3.5	3.8	10.2	8.9	9.8	14.5	13.7	14.0	19.6	19.1	19.4
4	4.4	3.9	4.1	11.3	10.1	10.8	15.1	13.7	14.3	19.1	18.5	18.8
5	4.4	4.0	4.2	12.5	11.2	11.9	14.3	13.7	14.1	18.8	18.1	18.5
6	5.7	4.2	4.8	13.3	12.4	12.9	14.1	13.5	13.8	19.4	18.2	18.6
7	6.8	5.7	6.3	13.4	12.9	13.1	14.5	13.3	13.7	20.3	19.1	19.6
8	6.5	5.9	6.2	13.2	12.6	12.9	15.3	14.1	14.7	20.7	20.1	20.4
9	5.9	5.6	5.8	12.8	12.1	12.5	15.4	14.7	15.1	21.1	20.4	20.7
10	6.0	5.7	5.9	12.4	11.0	11.7	15.8	15.2	15.4	22.0	20.9	21.4
11	6.3	6.0	6.1	11.5	10.4	11.0	16.0	15.4	15.6	22.1	21.7	21.9
12	6.1	5.3	5.7	11.8	10.7	11.3	16.0	15.5	15.7	23.0	21.9	22.5
13	5.8	5.1	5.5	11.7	10.9	11.2	16.5	15.6	16.0	22.8	22.4	22.6
14	5.8	5.4	5.5	11.4	11.0	11.2	16.4	15.8	16.2	23.8	22.5	23.1
15	5.5	5.3	5.4	11.3	11.2	11.3	15.9	15.2	15.6	24.0	23.3	23.7
16	5.3	4.7	5.0	11.5	11.1	11.3	15.6	15.0	15.3	24.4	23.5	23.9
17	4.7	4.5	4.6	11.4	11.1	11.3	15.8	14.7	15.3	24.4	23.8	24.1
18	5.0	4.5	4.7	11.7	10.8	11.1	16.2	15.2	15.6	25.2	23.8	24.5
19	5.3	4.7	5.0	11.9	11.3	11.6	16.3	15.6	15.9	25.3	24.2	24.7
20	6.1	5.1	5.6	12.0	11.1	11.6	16.6	15.8	16.1	25.3	24.7	24.9
21	7.3	6.1	6.8	12.3	11.8	11.9	17.5	16.4	17.0	25.7	25.1	25.3
22	7.9	7.3	7.6	12.0	11.1	11.5	18.0	17.3	17.7	26.3	25.6	25.8
23	7.9	7.4	7.7	11.3	10.8	11.0	19.1	18.0	18.6	26.3	25.7	25.9
24	7.8	7.4	7.6	12.3	10.8	11.5	19.0	18.8	18.9	26.6	25.6	26.0
25	7.5	7.2	7.3	12.8	11.3	12.0	19.0	18.5	18.7	26.6	26.1	26.3
26	7.3	6.2	6.9	13.3	12.2	12.8	19.2	18.6	18.9	26.9	26.0	26.5
27	6.2	5.3	5.7	13.5	12.9	13.2	19.4	19.0	19.1	26.6	25.9	26.3
28	5.4	5.2	5.3	14.5	13.5	14.0	19.0	18.2	18.7	27.6	26.2	26.9
29	6.3	5.4	6.0	14.1	13.0	13.5	19.1	18.1	18.6	27.6	26.9	27.3
30	---	---	---	13.4	12.8	13.0	19.1	18.2	18.6	27.2	26.1	26.5
31	---	---	---	13.4	12.9	13.2	---	---	---	26.8	25.8	26.3
MONTH	7.9	3.2	5.6	14.5	6.2	11.7	19.4	13.3	16.1	27.6	18.1	23.2

ROANOKE RIVER BASIN

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

TEMPERATURE, WATER, DEGREES CELSIUS, BOTTOM
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	26.9	26.1	26.4	26.8	25.8	26.2	29.5	28.9	29.1	26.6	26.4	26.5
2	26.6	25.9	26.2	26.9	26.4	26.6	29.4	28.8	29.1	26.8	26.0	26.4
3	26.6	26.1	26.3	26.9	26.4	26.6	28.8	28.0	28.4	26.5	25.6	26.0
4	26.6	25.6	26.2	26.8	26.2	26.5	28.6	27.6	27.9	26.5	26.3	26.4
5	25.6	24.9	25.2	27.1	26.4	26.7	29.0	28.4	28.7	26.3	26.0	26.1
6	25.4	24.9	25.2	28.4	27.1	27.6	28.8	27.2	28.0	26.4	25.9	26.1
7	25.7	25.2	25.4	28.8	27.7	28.2	27.2	26.3	26.7	26.0	25.7	25.9
8	25.8	25.1	25.4	28.7	27.8	28.2	27.1	26.2	26.7	26.0	25.7	25.8
9	25.7	25.1	25.4	28.9	28.0	28.3	27.1	26.5	26.8	26.2	25.9	26.0
10	26.0	25.1	25.5	29.4	28.5	28.8	27.1	26.4	26.8	26.3	26.0	26.2
11	26.4	25.6	26.0	29.4	29.0	29.2	27.2	26.5	26.9	26.1	25.6	25.8
12	26.6	26.0	26.3	29.6	28.7	29.1	27.3	26.7	27.1	25.9	25.4	25.6
13	26.0	25.0	25.5	29.3	28.6	28.9	27.1	26.7	26.9	25.7	25.2	25.4
14	25.7	24.9	25.4	30.0	29.1	29.4	26.7	25.9	26.4	25.5	25.0	25.3
15	26.4	25.3	25.8	29.9	29.3	29.7	25.9	25.2	25.5	25.4	25.0	25.2
16	26.2	25.6	25.9	29.9	29.3	29.6	25.3	24.9	25.0	25.7	25.3	25.5
17	26.0	25.6	25.8	30.0	29.2	29.5	25.1	24.5	24.7	25.8	25.3	25.5
18	26.6	25.6	26.0	29.9	29.2	29.5	24.6	24.1	24.3	25.6	24.5	25.1
19	26.8	26.2	26.5	29.8	29.3	29.5	25.0	23.9	24.4	24.5	23.6	23.9
20	26.7	26.0	26.4	29.8	29.0	29.3	25.6	24.8	25.2	23.6	22.7	23.1
21	26.4	25.5	25.9	29.9	29.2	29.5	26.0	25.3	25.7	23.0	22.3	22.7
22	27.2	26.2	26.6	29.9	29.4	29.6	26.0	25.6	25.8	23.2	22.3	22.7
23	27.6	26.8	27.1	29.7	28.9	29.1	25.6	25.0	25.3	23.4	22.7	23.0
24	27.6	27.2	27.4	29.1	28.5	28.9	25.2	24.8	25.0	23.6	23.1	23.3
25	28.1	27.4	27.7	29.0	28.4	28.6	25.3	24.8	25.0	23.8	23.0	23.4
26	27.9	27.1	27.4	28.8	28.4	28.5	25.4	24.8	25.0	24.0	23.4	23.7
27	27.3	26.3	26.7	29.2	28.4	28.7	26.0	25.2	25.5	24.0	23.8	23.9
28	26.8	26.1	26.5	29.0	28.4	28.6	26.4	25.6	25.9	24.1	23.8	23.9
29	26.3	25.6	25.9	28.7	28.1	28.4	26.7	26.1	26.3	23.9	23.4	23.7
30	26.3	25.8	26.0	28.8	28.2	28.4	26.5	26.2	26.4	24.0	23.7	23.9
31	---	---	---	29.3	28.6	28.9	26.4	25.9	26.1	---	---	---
MONTH	28.1	24.9	26.1	30.0	25.8	28.5	29.5	23.9	26.3	26.8	22.3	24.9

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

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, TOP
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	0.3	0.2	0.3	5.9	5.7	5.8	8.6	8.3	8.5	9.9	9.7	9.8
2	1.7	0.2	0.6	5.8	5.6	5.7	8.8	8.4	8.6	10.1	9.8	10
3	2.7	1.7	2.4	5.7	5.3	5.5	9.0	8.8	8.9	10.2	9.8	10
4	3.2	2.3	2.9	5.4	5.2	5.3	9.3	8.9	9.1	10.1	9.6	9.8
5	3.3	2.6	3.1	5.5	5.3	5.4	9.4	9.1	9.2	9.9	9.4	9.6
6	3.0	2.6	2.8	5.5	5.1	5.3	9.6	9.2	9.4	9.6	8.8	9.2
7	3.2	2.7	2.9	5.6	5.2	5.4	9.6	9.4	9.5	9.7	9.0	9.3
8	3.0	2.6	2.9	5.8	5.3	5.6	9.6	9.4	9.5	10.0	9.6	9.9
9	3.3	2.6	3.0	6.3	5.7	6.1	9.6	9.4	9.5	10.3	9.9	10.2
10	3.2	2.9	3.0	6.3	5.8	6.1	9.7	9.4	9.5	10.7	10.3	10.5
11	3.0	2.4	2.6	6.2	5.8	6.0	9.8	9.4	9.5	11.1	10.6	10.9
12	3.0	2.4	2.7	7.0	6.1	6.6	9.5	9.0	9.3	11.3	10.9	11.1
13	3.3	2.9	3.1	7.3	6.9	7.1	9.3	8.8	9.1	11.3	11.1	11.2
14	3.2	2.8	3.0	7.2	7.0	7.1	9.5	8.8	9.2	11.4	11.0	11.2
15	3.5	3.1	3.3	7.2	7.0	7.1	9.0	8.8	8.9	11.2	10.9	11.0
16	3.8	3.4	3.6	7.5	7.0	7.2	9.0	8.7	8.8	11.2	10.9	11.0
17	3.9	3.6	3.7	7.6	7.4	7.5	9.0	8.8	8.9	11.1	10.8	11.0
18	4.4	3.7	4.1	7.9	7.5	7.8	8.8	8.6	8.7	11.2	11.0	11.1
19	4.4	4.0	4.2	8.1	7.6	7.8	8.8	8.6	8.7	11.2	11.0	11.1
20	4.9	4.4	4.7	8.2	7.8	8.0	9.0	8.7	8.9	11.2	11.0	11.1
21	5.1	4.7	4.8	7.9	7.5	7.7	9.5	9.0	9.2	11.3	11.1	11.2
22	4.9	4.6	4.7	7.6	7.4	7.5	9.8	9.5	9.6	11.6	11.2	11.3
23	5.0	4.6	4.8	7.7	7.5	7.6	9.8	9.6	9.7	11.5	11.2	11.4
24	5.2	4.8	5.0	7.7	7.5	7.6	9.8	9.3	9.6	11.7	11.3	11.5
25	5.3	4.8	5.0	8.1	7.6	7.9	9.4	9.1	9.2	12.0	11.3	11.6
26	5.9	5.2	5.5	7.9	7.7	7.8	9.6	9.2	9.3	11.7	11.5	11.6
27	6.1	5.8	6.0	8.0	7.7	7.8	9.8	9.6	9.7	11.6	11.3	11.5
28	6.0	5.6	5.8	8.4	7.9	8.1	9.9	9.7	9.8	11.7	11.3	11.5
29	6.2	5.6	6.0	8.7	8.3	8.5	10.0	9.8	9.9	11.8	11.3	11.6
30	6.2	5.7	6.0	8.7	8.4	8.5	10.0	9.7	9.9	12.0	11.4	11.7
31	5.9	5.5	5.7	---	---	---	9.8	9.6	9.7	12.6	11.9	12.4
MONTH	6.2	0.2	3.8	8.7	5.1	6.9	10.0	8.3	9.3	12.6	8.8	10.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.7	12.3	12.5	11.8	11.2	11.6	8.9	8.4	8.6	---	---	---
2	12.9	12.5	12.7	11.6	10.7	11.2	9.4	8.4	8.8	---	---	---
3	12.8	12.4	12.6	11.2	10.6	10.9	8.7	8.1	8.3	---	---	---
4	12.6	12.3	12.4	11.0	10.3	10.7	8.2	7.4	7.8	---	---	---
5	12.6	12.3	12.4	10.8	10.1	10.5	8.1	7.4	7.7	---	---	---
6	12.6	12.2	12.3	10.4	9.6	10.1	8.3	7.6	7.9	---	---	---
7	12.3	12.0	12.1	10.3	9.4	9.8	8.2	7.8	8.0	---	---	---
8	12.2	12.0	12.1	9.8	9.1	9.5	8.1	7.7	7.9	6.3	5.8	6.0
9	12.4	12.1	12.3	9.5	8.8	9.0	8.8	7.7	8.1	6.2	5.9	6.1
10	12.4	11.8	12.2	9.3	8.9	9.1	8.9	8.1	8.4	6.3	5.9	6.1
11	11.9	11.5	11.7	9.3	8.7	9.1	8.6	8.0	8.4	6.5	6.2	6.3
12	12.1	11.8	11.9	9.1	8.4	8.7	8.7	7.8	8.1	6.4	6.1	6.2
13	12.3	11.9	12.1	9.6	8.5	9.0	8.2	7.7	7.9	6.3	5.9	6.1
14	12.4	12.1	12.2	9.0	8.4	8.8	7.8	7.2	7.5	6.4	5.9	6.2
15	12.4	11.9	12.1	8.9	8.4	8.6	8.1	7.6	7.9	6.3	6.0	6.1
16	12.3	11.9	12.1	8.9	8.5	8.7	8.0	7.5	7.8	6.2	5.9	6.0
17	12.2	11.9	12.0	8.9	8.6	8.7	8.7	7.9	8.4	6.0	5.7	5.8
18	12.1	11.7	11.9	9.3	8.7	9.0	---	---	---	5.9	5.5	5.7
19	12.2	11.8	12.0	9.7	8.8	9.2	---	---	---	6.1	5.5	5.7
20	12.1	11.6	11.9	9.6	8.9	9.2	---	---	---	6.1	5.3	5.5
21	11.7	11.2	11.5	9.4	8.8	9.1	---	---	---	5.8	5.2	5.4
22	11.3	10.7	11.0	9.4	8.7	9.0	---	---	---	5.7	5.1	5.3
23	11.2	10.7	10.9	10.3	9.2	9.6	---	---	---	5.9	5.2	5.5
24	11.4	10.7	11.0	10.2	9.5	9.8	---	---	---	5.6	5.3	5.5
25	10.9	10.5	10.7	10.4	9.5	10	---	---	---	5.6	5.1	5.3
26	11.2	10.7	11.0	10.0	9.4	9.7	---	---	---	5.8	5.4	5.6
27	11.2	10.8	11.0	9.8	9.1	9.4	---	---	---	5.9	5.5	5.7
28	11.6	11.0	11.4	9.9	8.8	9.2	---	---	---	5.9	5.5	5.6
29	11.8	11.5	11.7	9.5	8.6	9.0	---	---	---	6.0	5.4	5.7
30	---	---	---	9.8	8.8	9.2	---	---	---	5.8	5.4	5.6
31	---	---	---	9.7	8.6	9.0	---	---	---	6.0	5.5	5.8
MONTH	12.9	10.5	11.9	11.8	8.4	9.5	---	---	---	---	---	---

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 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.0	5.5	5.7	5.7	5.3	5.5	5.3	4.0	4.5	---	---	---
2	6.3	5.5	5.8	5.8	5.5	5.6	5.1	4.3	4.7	---	---	---
3	7.0	5.5	5.8	5.7	5.4	5.5	5.9	4.6	5.1	---	---	---
4	6.1	5.5	5.8	5.6	5.3	5.4	5.3	4.4	4.9	5.4	5.0	5.2
5	5.9	5.3	5.6	5.5	5.1	5.3	5.7	5.0	5.3	5.3	5.0	5.2
6	5.4	4.8	5.2	5.3	5.0	5.1	6.0	5.2	5.6	5.4	4.8	5.0
7	5.7	4.9	5.2	5.5	4.9	5.1	5.5	4.8	5.1	4.9	4.4	4.6
8	5.6	5.0	5.3	5.5	5.0	5.2	5.0	4.7	4.9	4.5	4.1	4.3
9	5.7	5.3	5.5	5.5	5.0	5.2	5.2	4.9	5.1	4.7	4.3	4.6
10	5.9	5.4	5.6	6.6	5.1	5.4	5.5	5.1	5.3	4.3	3.6	4.0
11	5.8	5.3	5.6	6.0	5.1	5.5	6.0	5.5	5.7	4.0	3.2	3.5
12	6.0	5.4	5.7	6.3	5.3	5.7	6.2	5.7	5.9	4.7	4.0	4.4
13	6.0	5.7	5.9	6.6	5.3	5.7	6.3	5.9	6.1	5.1	4.6	4.8
14	5.9	5.5	5.8	6.3	5.1	5.5	---	---	---	5.1	4.8	5.0
15	5.8	5.4	5.6	6.3	5.1	5.4	---	---	---	5.0	4.7	4.9
16	5.9	5.5	5.7	7.0	4.8	5.4	---	---	---	5.0	4.6	4.8
17	5.9	5.4	5.7	6.6	4.9	5.6	---	---	---	5.0	4.5	4.7
18	6.0	5.6	5.8	5.9	4.5	5.2	---	---	---	5.1	4.6	4.8
19	6.0	5.5	5.7	6.4	4.5	5.2	---	---	---	5.1	4.7	4.9
20	5.9	5.5	5.6	6.6	3.9	5.0	---	---	---	4.9	4.4	4.7
21	6.1	5.3	5.5	7.0	4.4	5.3	---	---	---	4.9	4.5	4.7
22	5.6	5.2	5.3	6.0	4.0	4.9	---	---	---	4.8	4.4	4.6
23	5.6	5.0	5.2	5.7	3.2	4.6	---	---	---	5.1	4.6	4.8
24	5.3	4.9	5.1	5.3	4.0	4.7	---	---	---	5.5	5.0	5.2
25	5.6	4.9	5.2	5.5	4.5	4.9	---	---	---	5.5	5.2	5.3
26	5.5	5.0	5.3	7.8	4.6	5.0	---	---	---	5.8	5.2	5.4
27	5.3	4.8	5.1	5.7	4.7	5.2	---	---	---	5.5	5.0	5.2
28	5.2	4.9	5.0	5.4	4.7	5.0	---	---	---	5.2	4.8	5.0
29	5.4	5.0	5.2	5.4	4.6	5.0	---	---	---	4.9	4.2	4.5
30	5.6	5.1	5.5	5.7	4.5	5.0	---	---	---	4.4	4.0	4.2
31	---	---	---	5.3	4.5	4.9	---	---	---	---	---	---
MONTH	7.0	4.8	5.5	7.8	3.2	5.2	---	---	---	---	---	---

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

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER, BOTTOM
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	0.4	0.3	0.4	6.2	6.0	6.1	8.6	8.4	8.5	10.0	9.8	9.9
2	1.4	0.3	0.7	6.1	5.9	6.0	8.8	8.5	8.7	10.2	9.9	10.0
3	2.1	1.4	1.9	6.0	5.7	5.8	9.0	8.8	8.9	10.3	9.9	10.1
4	3.0	2.1	2.7	5.8	5.6	5.7	9.4	9.0	9.2	10.1	9.7	9.9
5	3.2	2.8	3.0	5.8	5.5	5.7	9.4	9.2	9.3	9.9	9.3	9.6
6	3.0	2.7	2.9	5.6	5.1	5.4	9.7	9.3	9.5	9.5	8.7	9.1
7	3.1	2.8	3.0	5.8	5.1	5.5	9.7	9.5	9.6	9.6	8.9	9.3
8	3.0	2.7	2.9	6.2	5.6	5.9	9.7	9.4	9.5	10.0	9.6	9.9
9	3.2	2.7	2.9	6.5	6.0	6.3	9.6	9.4	9.5	10.3	10.0	10.2
10	3.2	3.0	3.0	6.5	5.8	6.2	9.6	9.4	9.5	10.7	10.2	10.5
11	3.0	2.5	2.7	6.1	5.8	5.9	9.7	9.4	9.5	11.1	10.7	10.9
12	3.0	2.5	2.7	7.0	6.1	6.5	9.5	9.1	9.3	11.4	11.0	11.2
13	3.4	3.0	3.2	7.3	6.9	7.1	9.2	8.8	9.1	11.4	11.2	11.3
14	3.4	3.0	3.2	7.3	7.0	7.2	9.4	8.9	9.2	---	---	---
15	3.6	3.2	3.5	7.2	7.0	7.1	9.1	8.8	9.0	---	---	---
16	3.8	3.5	3.7	7.5	7.0	7.2	9.1	8.8	8.9	---	---	---
17	4.0	3.7	3.8	7.6	7.5	7.6	9.1	8.9	9.0	---	---	---
18	4.5	3.8	4.2	7.8	7.6	7.7	8.9	8.7	8.8	---	---	---
19	4.7	4.1	4.4	8.1	7.5	7.8	9.0	8.8	8.9	---	---	---
20	5.2	4.7	4.9	8.1	7.8	8.0	9.1	8.8	8.9	---	---	---
21	5.2	5.0	5.1	7.8	7.4	7.6	9.7	9.1	9.3	---	---	---
22	5.1	4.8	4.9	7.6	7.4	7.5	10.1	9.6	9.9	---	---	---
23	5.3	4.8	5.1	7.7	7.6	7.6	10.1	9.9	10.0	---	---	---
24	5.4	5.0	5.2	7.6	7.5	7.6	10.1	9.7	9.9	---	---	---
25	5.5	5.0	5.2	8.2	7.6	7.9	9.7	9.3	9.5	---	---	---
26	6.0	5.5	5.8	7.9	7.8	7.9	9.8	9.4	9.6	---	---	---
27	6.3	6.0	6.2	8.0	7.8	7.8	10.0	9.8	9.9	---	---	---
28	6.2	5.8	6.0	8.4	8.0	8.2	10.1	9.9	10.0	---	---	---
29	6.6	5.8	6.2	8.6	8.2	8.4	10.2	10.0	10.1	---	---	---
30	6.4	5.9	6.2	8.6	8.3	8.5	10.2	9.8	10.0	---	---	---
31	6.3	5.8	6.0	---	---	---	9.9	9.7	9.8	---	---	---
MONTH	6.6	0.3	3.9	8.6	5.1	7.0	10.2	8.4	9.4	---	---	---
	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	11.8	11.2	11.5	8.2	7.5	7.8	6.0	5.6	5.8
2	---	---	---	11.5	10.7	11.2	8.1	7.5	7.8	6.0	5.7	5.8
3	---	---	---	11.1	10.5	10.8	8.0	7.2	7.6	6.0	5.7	5.8
4	---	---	---	10.8	10.3	10.6	7.8	6.7	7.3	5.8	5.2	5.5
5	---	---	---	10.6	10.0	10.3	7.5	6.7	7.1	5.6	5.2	5.4
6	---	---	---	10.2	9.5	9.9	7.5	7.0	7.3	5.8	5.4	5.6
7	---	---	---	9.9	9.2	9.5	7.8	7.1	7.4	---	---	---
8	---	---	---	9.6	9.0	9.3	8.1	6.7	7.7	---	---	---
9	---	---	---	9.2	8.6	8.8	8.2	7.6	7.8	---	---	---
10	---	---	---	9.0	8.7	8.8	8.3	7.4	7.7	---	---	---
11	---	---	---	9.3	8.8	9.0	7.7	7.3	7.5	---	---	---
12	---	---	---	9.1	8.5	8.8	7.7	7.2	7.5	---	---	---
13	---	---	---	9.4	8.7	9.0	7.5	7.1	7.3	---	---	---
14	12.4	12.1	12.2	9.0	8.4	8.7	7.2	6.8	7.0	---	---	---
15	12.3	12.0	12.1	8.7	8.2	8.4	7.5	6.8	7.2	---	---	---
16	12.4	11.9	12.1	8.7	8.4	8.5	7.6	7.1	7.3	---	---	---
17	12.2	11.8	12.0	8.6	8.4	8.5	7.8	7.6	7.7	---	---	---
18	12.1	11.7	11.9	8.9	8.3	8.5	7.8	7.5	7.6	---	---	---
19	12.1	11.9	12.0	9.3	8.3	8.7	8.1	7.7	8.0	---	---	---
20	12.0	11.7	11.9	9.0	8.2	8.6	8.2	7.8	8.0	---	---	---
21	11.7	11.2	11.4	8.8	8.2	8.5	8.0	7.7	7.8	---	---	---
22	11.3	10.8	11.0	8.9	8.1	8.5	7.8	7.4	7.6	---	---	---
23	11.1	10.7	10.9	9.3	8.6	8.9	7.4	6.9	7.2	---	---	---
24	11.2	10.7	10.9	9.5	8.9	9.1	7.2	6.8	7.1	---	---	---
25	10.9	10.4	10.6	9.6	8.9	9.2	6.9	6.5	6.7	---	---	---
26	11.0	10.4	10.8	9.3	8.6	9.0	6.8	6.5	6.7	---	---	---
27	11.3	10.4	10.9	8.8	8.2	8.5	6.8	5.2	6.1	---	---	---
28	11.7	11.1	11.4	8.9	8.0	8.4	5.4	5.0	5.1	---	---	---
29	11.8	11.5	11.6	8.8	7.8	8.2	5.8	5.2	5.4	---	---	---
30	---	---	---	8.8	8.2	8.4	5.9	5.6	5.8	---	---	---
31	---	---	---	8.9	8.0	8.4	---	---	---	---	---	---
MONTH	---	---	---	11.8	7.8	9.1	8.3	5.0	7.2	---	---	---

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 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	5.4	4.9	5.2	5.3	4.6	4.9	4.0	3.4	3.6
2	---	---	---	5.4	5.2	5.3	5.4	4.9	5.2	5.3	3.9	4.5
3	---	---	---	5.3	5.0	5.1	6.0	5.1	5.4	5.3	4.7	5.0
4	---	---	---	5.2	4.8	5.0	5.2	4.5	4.8	5.4	5.0	5.1
5	6.1	5.3	5.7	5.0	4.6	4.8	5.1	4.7	4.9	5.6	4.8	5.1
6	5.6	4.8	5.3	4.7	4.4	4.6	5.6	4.9	5.4	5.3	4.7	4.9
7	5.6	5.0	5.2	5.2	4.4	4.7	5.3	4.5	4.8	4.9	4.3	4.6
8	5.6	5.2	5.4	5.3	4.6	4.9	4.7	4.4	4.5	4.6	4.0	4.3
9	5.9	5.6	5.7	5.1	4.7	4.9	4.9	4.6	4.8	4.8	4.1	4.5
10	5.9	5.6	5.8	5.1	4.5	4.8	5.2	4.8	5.0	4.3	3.4	3.9
11	6.0	5.3	5.8	5.4	4.7	5.0	5.6	5.1	5.3	4.0	3.0	3.4
12	6.2	5.6	5.9	5.6	4.7	5.1	5.7	5.3	5.5	4.7	3.9	4.3
13	6.3	6.0	6.1	5.4	4.4	4.8	5.7	5.4	5.5	5.1	4.5	4.7
14	6.3	5.9	6.1	5.2	4.3	4.7	6.2	5.3	5.6	5.1	4.8	4.9
15	6.2	5.8	6.0	5.1	4.3	4.7	5.6	4.8	5.3	5.1	4.6	4.9
16	6.3	6.0	6.2	4.8	4.1	4.4	5.4	5.0	5.1	5.1	4.7	4.9
17	6.3	5.9	6.1	4.9	3.8	4.4	5.1	4.1	4.5	5.3	4.6	4.9
18	6.3	6.0	6.1	4.8	3.3	4.2	4.2	3.8	3.9	5.3	4.7	5.0
19	6.2	5.8	6.1	5.2	4.2	4.7	3.9	3.7	3.8	5.5	4.8	5.1
20	6.2	6.0	6.1	5.9	4.3	4.8	3.8	3.5	3.6	5.3	4.6	5.0
21	6.1	5.7	5.9	5.7	4.3	5.0	3.7	3.4	3.5	5.3	4.8	5.0
22	5.8	5.4	5.6	5.8	4.2	5.0	3.7	3.3	3.5	5.2	4.8	5.0
23	5.7	5.2	5.4	5.8	5.0	5.2	3.4	3.2	3.3	5.8	5.0	5.3
24	5.6	5.1	5.3	5.2	4.7	5.0	3.7	3.3	3.5	6.4	5.6	6.0
25	5.7	5.1	5.4	5.3	4.9	5.1	4.1	3.6	3.8	6.4	6.0	6.2
26	5.7	5.3	5.5	5.4	4.8	5.1	4.0	3.6	3.8	6.5	6.0	6.2
27	5.5	5.2	5.4	5.7	5.2	5.3	3.9	3.6	3.7	6.4	5.7	6.0
28	5.5	5.1	5.3	5.5	5.0	5.2	3.7	3.3	3.5	6.0	5.5	5.8
29	5.6	5.3	5.4	5.6	4.8	5.2	3.6	3.2	3.4	5.8	4.6	5.1
30	5.4	5.0	5.2	5.4	5.0	5.1	4.3	3.3	3.8	4.9	4.2	4.6
31	---	---	---	5.2	4.7	5.1	4.3	3.5	3.9	---	---	---
MONTH	---	---	---	5.9	3.3	4.9	6.2	3.2	4.4	6.5	3.0	4.9

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

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, TOP
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3	2	3	61	59	60	81	78	80	83	81	82
2	19	2	7	60	58	59	82	78	80	85	82	83
3	29	19	26	59	55	57	82	80	81	86	84	85
4	34	25	31	57	54	56	83	80	82	87	84	86
5	36	28	33	59	56	58	84	81	83	88	85	86
6	33	28	31	60	56	58	85	82	83	88	80	84
7	35	30	32	61	57	59	84	82	83	83	80	81
8	33	28	32	62	58	60	84	81	82	83	81	82
9	37	29	33	65	60	64	83	81	82	84	81	83
10	36	32	34	65	60	63	85	81	82	84	83	84
11	33	27	29	64	59	62	86	82	84	85	83	84
12	33	27	30	72	63	68	83	78	81	87	83	85
13	37	32	35	74	71	73	81	76	79	88	85	87
14	36	31	34	72	69	71	82	76	79	89	86	87
15	39	34	37	71	69	70	77	75	76	89	85	87
16	42	37	39	74	69	71	77	74	75	89	86	87
17	42	39	40	76	73	74	77	75	76	88	85	87
18	47	40	44	79	74	77	75	72	74	89	87	88
19	47	43	45	82	76	79	73	71	73	90	88	89
20	53	47	50	82	78	80	73	72	72	89	87	88
21	55	50	52	79	74	76	75	72	74	90	87	89
22	52	49	50	76	73	75	78	75	76	93	88	90
23	53	49	51	77	74	76	79	77	78	91	88	90
24	55	50	53	77	74	76	81	79	80	93	88	90
25	55	50	52	80	75	78	80	77	78	91	88	90
26	62	54	58	78	75	77	79	76	77	89	88	89
27	64	61	63	78	75	76	80	78	79	89	87	88
28	63	59	61	83	77	80	81	79	80	89	86	88
29	66	59	63	83	81	82	82	80	81	89	87	88
30	65	60	63	83	79	80	84	82	83	90	87	89
31	62	57	60	---	---	---	83	80	82	96	89	94
MONTH	66	2	41	83	54	70	86	71	79	96	80	87
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	96	93	95	98	92	95	86	81	83	---	---	---
2	98	94	96	99	93	96	92	81	85	---	---	---
3	98	95	96	99	93	96	86	79	82	---	---	---
4	98	94	96	101	94	97	80	73	77	---	---	---
5	98	95	96	102	93	97	80	72	75	---	---	---
6	100	94	97	100	92	96	83	73	77	---	---	---
7	101	97	99	99	89	93	83	75	78	---	---	---
8	100	97	98	93	86	90	81	75	78	71	64	66
9	100	97	98	90	82	85	90	77	82	69	66	68
10	100	95	98	86	82	84	91	82	85	72	66	70
11	96	93	95	86	79	83	88	80	84	75	71	73
12	96	95	96	85	76	80	89	79	82	74	70	72
13	98	94	96	89	77	82	83	79	80	73	68	71
14	98	96	97	83	77	80	79	74	77	76	68	73
15	99	94	96	81	77	79	82	76	79	76	71	73
16	97	92	95	82	78	80	81	75	78	75	70	72
17	95	92	93	81	79	80	88	79	84	72	68	70
18	95	90	92	86	79	82	---	---	---	72	65	68
19	96	92	94	90	81	85	---	---	---	75	66	69
20	97	93	95	90	81	85	---	---	---	75	64	67
21	96	92	94	88	82	85	---	---	---	73	63	66
22	95	90	92	86	80	83	---	---	---	72	63	66
23	94	89	92	96	83	88	---	---	---	74	64	68
24	96	89	92	96	86	91	---	---	---	71	66	68
25	91	87	89	99	87	93	---	---	---	70	63	66
26	93	87	90	96	89	92	---	---	---	73	67	70
27	90	87	88	96	87	91	---	---	---	74	69	72
28	92	87	90	98	86	89	---	---	---	76	69	71
29	96	91	94	90	83	86	---	---	---	77	68	72
30	---	---	---	95	84	88	---	---	---	73	67	70
31	---	---	---	93	82	86	---	---	---	75	68	72
MONTH	101	87	94	102	76	88	---	---	---	---	---	---

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 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	76	68	71	71	65	68	71	52	59	---	---	---
2	80	68	72	73	69	70	66	56	62	---	---	---
3	90	68	73	71	68	69	76	59	66	---	---	---
4	77	68	73	70	66	68	69	56	62	68	62	65
5	72	65	68	69	64	66	74	65	69	66	62	64
6	66	58	63	69	63	65	77	68	72	67	59	62
7	70	60	63	72	62	66	70	60	64	61	54	57
8	69	61	64	72	64	67	63	58	61	56	50	53
9	71	65	67	72	64	68	66	61	64	59	53	57
10	74	66	69	88	66	70	70	64	67	53	45	50
11	72	65	69	79	67	72	76	69	72	49	39	43
12	75	67	71	83	69	75	78	72	75	58	49	54
13	74	69	72	88	69	74	80	74	77	63	56	58
14	73	67	71	85	67	73	---	---	---	62	58	61
15	72	66	69	84	67	72	---	---	---	61	57	60
16	73	68	70	95	63	72	---	---	---	61	56	59
17	73	66	70	89	64	74	---	---	---	61	55	57
18	76	69	72	79	59	69	---	---	---	62	55	58
19	76	68	71	85	59	68	---	---	---	61	56	58
20	74	68	70	88	51	66	---	---	---	58	52	55
21	77	66	68	93	58	69	---	---	---	58	52	55
22	72	65	66	80	53	65	---	---	---	56	51	54
23	72	63	66	75	42	60	---	---	---	60	54	56
24	68	62	65	69	52	62	---	---	---	65	59	61
25	72	62	67	72	58	64	---	---	---	65	61	63
26	70	63	67	104	59	65	---	---	---	69	62	64
27	67	60	64	75	61	67	---	---	---	65	59	62
28	65	61	63	70	61	65	---	---	---	62	57	59
29	67	62	64	70	59	65	---	---	---	58	50	53
30	70	63	68	75	58	64	---	---	---	52	48	50
31	---	---	---	69	58	63	---	---	---	---	---	---
MONTH	90	58	68	104	42	68	---	---	---	---	---	---

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

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION, BOTTOM
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	5	3	4	65	62	63	82	79	80	84	82	83
2	15	3	7	63	61	62	82	79	81	85	83	84
3	23	15	21	62	59	60	82	80	81	87	84	85
4	32	23	29	61	59	60	84	81	83	87	85	86
5	35	30	33	62	59	60	85	82	83	88	84	86
6	33	29	31	60	55	58	86	83	84	87	79	83
7	34	31	33	63	55	60	85	83	84	82	79	80
8	33	30	32	66	61	63	84	81	83	83	80	82
9	36	30	33	68	63	66	83	81	82	84	82	83
10	36	33	34	67	60	64	84	81	82	84	82	83
11	33	28	30	63	59	61	85	82	84	85	83	84
12	33	28	30	72	62	67	83	79	81	88	84	86
13	38	33	35	74	71	72	80	76	79	89	86	87
14	38	33	36	73	69	71	82	77	80	---	---	---
15	40	35	39	71	69	70	79	75	77	---	---	---
16	42	38	40	74	69	71	78	75	76	---	---	---
17	43	40	41	76	74	75	78	76	77	---	---	---
18	48	41	45	77	75	76	76	74	75	---	---	---
19	50	44	47	81	75	78	75	72	74	---	---	---
20	56	50	52	81	78	80	74	72	73	---	---	---
21	56	53	54	78	73	76	77	73	75	---	---	---
22	55	51	53	76	73	75	80	76	78	---	---	---
23	56	51	54	77	75	76	81	79	80	---	---	---
24	57	52	54	76	74	75	83	81	82	---	---	---
25	57	52	54	80	76	78	82	78	80	---	---	---
26	63	57	61	78	76	77	80	79	79	---	---	---
27	66	63	65	78	76	76	82	80	81	---	---	---
28	65	61	63	83	78	80	82	81	82	---	---	---
29	69	61	66	83	80	81	83	81	82	---	---	---
30	67	62	65	81	79	80	85	82	84	---	---	---
31	66	60	62	---	---	---	84	81	82	---	---	---
MONTH	69	3	42	83	55	70	86	72	80	---	---	---
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	98	93	95	79	72	75	65	60	62
2	---	---	---	98	93	95	79	72	75	65	62	63
3	---	---	---	97	93	95	78	70	74	65	62	63
4	---	---	---	98	93	96	76	66	71	63	56	59
5	---	---	---	99	93	96	73	65	69	60	55	57
6	---	---	---	97	91	94	73	68	70	63	58	60
7	---	---	---	95	87	91	75	68	72	---	---	---
8	---	---	---	92	85	88	81	66	76	---	---	---
9	---	---	---	87	80	83	81	75	78	---	---	---
10	---	---	---	83	80	82	84	74	78	---	---	---
11	---	---	---	85	79	82	78	73	75	---	---	---
12	---	---	---	84	77	80	78	72	76	---	---	---
13	---	---	---	86	79	82	76	71	74	---	---	---
14	98	96	97	82	77	79	74	70	72	---	---	---
15	98	95	96	79	75	77	76	68	72	---	---	---
16	98	93	95	80	77	78	77	71	73	---	---	---
17	95	91	93	79	77	78	79	75	77	---	---	---
18	94	91	92	82	75	77	78	75	77	---	---	---
19	96	93	94	86	76	80	83	78	81	---	---	---
20	97	93	95	83	75	79	83	79	82	---	---	---
21	96	92	94	82	76	79	83	80	81	---	---	---
22	94	90	92	81	75	78	82	78	79	---	---	---
23	93	89	92	85	78	81	79	74	77	---	---	---
24	94	89	91	89	81	84	78	73	76	---	---	---
25	91	86	88	91	81	86	75	70	72	---	---	---
26	91	84	89	88	81	85	74	70	72	---	---	---
27	90	84	87	85	78	82	74	56	66	---	---	---
28	93	88	90	88	77	81	58	53	55	---	---	---
29	96	91	93	84	76	79	62	55	58	---	---	---
30	---	---	---	84	78	80	64	60	62	---	---	---
31	---	---	---	85	76	80	---	---	---	---	---	---
MONTH	---	---	---	99	75	84	84	53	73	---	---	---

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 2003 TO SEPTEMBER 2004

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	68	60	64	70	60	64	50	42	46
2	---	---	---	68	65	67	70	64	67	66	49	56
3	---	---	---	66	62	64	77	66	69	66	58	62
4	---	---	---	65	60	63	67	58	61	67	62	64
5	75	65	69	62	58	60	67	61	64	70	60	63
6	68	58	64	61	56	58	72	64	69	66	58	61
7	69	61	63	67	56	60	67	56	60	60	53	57
8	69	63	67	69	59	64	59	55	57	57	49	52
9	73	68	70	66	60	63	62	58	60	59	51	56
10	73	69	71	66	58	62	65	60	62	53	42	48
11	74	65	71	71	61	65	71	64	66	49	37	41
12	77	70	74	74	61	66	72	66	69	58	48	53
13	78	73	75	71	57	62	72	68	70	62	55	58
14	77	72	75	69	56	61	77	66	69	62	58	60
15	77	71	74	67	57	61	69	58	65	62	56	59
16	78	74	76	63	54	58	66	61	63	63	58	60
17	78	72	76	65	50	58	62	49	55	65	56	60
18	79	74	76	64	43	55	51	45	47	65	57	60
19	78	72	76	69	55	61	47	44	45	65	57	61
20	78	74	76	78	56	64	46	43	44	62	54	59
21	76	71	73	75	56	66	46	42	44	62	56	59
22	72	68	70	77	55	65	46	41	43	61	56	59
23	73	66	69	77	65	68	42	39	40	68	58	62
24	71	65	67	68	61	65	45	40	43	76	66	71
25	73	65	69	69	63	66	50	44	47	76	70	73
26	73	67	70	70	62	66	49	44	47	77	71	73
27	70	65	67	75	67	69	48	44	46	76	68	72
28	69	64	66	72	65	68	46	41	43	72	65	69
29	69	65	67	73	62	67	45	40	42	69	55	61
30	67	62	65	70	64	66	54	41	47	58	50	55
31	---	---	---	68	61	66	53	44	48	---	---	---
MONTH	---	---	---	78	43	63	77	39	55	77	37	60