

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 U.S. Fish and Wildlife Service 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	318, September 6, 2001	73, June 20, 21, 2001
SPECIFIC CONDUCTANCE (BOTTOM), microsiemens	10,900, July 3, 1999	48, September 21, 1999
pH (TOP), standard units	7.9, July 18, 2000	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	30.7, August 17, 2001	2.7, January 7, 2001
WATER TEMPERATURE (BOTTOM), °C	31.0, July 30, 1998, August 2, 1999	2.8, January 7, 2001
DISSOLVED OXYGEN (TOP), mg/L	12.3, January 6, 7, 2001	3.2, August 24, 2001
DISSOLVED OXYGEN (BOTTOM), mg/L	14.0, January 6, 7, 2001	<1.0, on several days during period
DISSOLVED OXYGEN, PERCENT SATU- RATION (TOP),%	112, July 18, 2000	42, August 21, 24, 2001
DISSOLVED OXYGEN, PERCENT SATU- RATION (BOTTOM),%	115, November 30, 1999	< 10, on several days during period

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

EXTREMES FOR CURRENT WATER YEAR.--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE (TOP), microsiemens	318, September 6	73, June 20, 21
SPECIFIC CONDUCTANCE (BOTTOM), microsiemens	3960, August 14	76, June 20, 21
pH (TOP), standard units	7.6, November 26	6.0, June 19, 21, 22
pH (BOTTOM), standard units	7.4, February 4, 22, March 1	6.0, June 20, 21
WATER TEMPERATURE (TOP), C	30.7, August 17	2.7, January 7
WATER TEMPERATURE (BOTTOM), C	29.8, August 10	2.8, January 7
DISSOLVED OXYGEN (TOP), mg/L	12.3, January 6, 7	3.2, August 24
DISSOLVED OXYGEN (BOTTOM), mg/L	14.0, January 6, 7	1.2, August 14
DISSOLVED OXYGEN, PERCENT SATURATION (TOP),%	104, July 10	42, August 21, 24
DISSOLVED OXYGEN, PERCENT SATURATION (BOTTOM),%	106, January 7	15, August 14

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C) , TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	158	122	134	262	190	229	179	131	155	---	---	---
2	148	118	130	215	169	191	253	132	169	---	---	---
3	144	124	132	186	161	171	238	155	182	---	---	---
4	177	138	154	182	163	172	189	153	168	---	---	---
5	160	145	151	178	155	168	172	162	168	---	---	---
6	159	147	153	162	149	156	229	168	192	---	---	---
7	203	146	165	163	131	150	262	207	237	---	---	---
8	186	140	149	200	131	176	225	176	196	---	---	---
9	188	142	158	184	171	179	221	162	189	---	---	---
10	174	146	159	189	169	183	183	117	140	---	---	---
11	191	162	170	195	141	168	125	105	114	219	196	206
12	201	161	185	161	141	152	171	117	149	297	196	247
13	170	153	158	182	161	176	251	146	194	---	---	---
14	181	162	168	209	179	191	207	162	189	221	186	202
15	183	170	178	226	177	202	219	157	188	230	191	207
16	191	165	176	181	169	175	190	152	165	221	200	209
17	195	174	187	209	170	195	177	103	148	232	208	218
18	200	180	191	196	165	177	170	104	137	230	187	217
19	193	155	165	185	163	170	236	104	168	221	181	197
20	195	154	179	198	152	167	190	158	176	211	186	194
21	252	181	224	196	144	160	230	156	185	232	175	190
22	220	171	201	159	143	150	178	148	161	245	142	178
23	236	177	210	182	151	166	191	148	157	252	176	215
24	231	180	207	186	157	175	170	146	156	213	180	197
25	225	186	203	189	112	155	194	157	174	206	180	196
26	205	166	186	213	126	187	217	174	197	215	171	191
27	195	165	186	203	150	165	227	192	208	223	179	192
28	---	---	---	202	172	186	232	181	213	250	180	208
29	229	172	192	201	161	183	202	145	166	194	174	182
30	243	198	220	165	146	154	201	142	159	189	164	171
31	236	185	219	---	---	---	---	---	---	235	153	185
MONTH	---	---	---	262	112	174	---	---	---	---	---	---

ROANOKE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	223	152	182	251	147	177	148	135	139	156	148	151
2	196	168	177	204	161	172	145	133	138	168	150	155
3	211	168	189	187	153	164	141	134	136	168	152	158
4	210	148	189	191	149	170	144	132	137	168	156	162
5	219	157	189	199	160	180	145	133	136	173	161	166
6	226	166	186	231	164	188	144	138	141	214	138	161
7	215	178	202	238	156	182	145	130	142	230	147	164
8	---	---	---	235	168	185	---	---	---	188	145	166
9	---	---	---	188	162	170	144	138	140	215	170	185
10	---	---	---	223	175	188	172	131	142	229	163	190
11	---	---	---	207	182	196	155	134	138	206	186	196
12	---	---	---	237	173	210	141	135	137	212	186	196
13	---	---	---	229	173	200	140	136	138	237	193	209
14	206	155	171	218	165	184	139	135	136	206	180	190
15	177	156	164	243	162	187	138	133	137	225	179	193
16	185	164	177	216	170	190	139	134	136	215	159	194
17	196	163	173	196	175	184	144	129	136	234	158	196
18	219	162	185	234	165	180	136	133	134	208	178	192
19	195	160	174	202	139	181	141	131	138	207	192	201
20	192	160	175	208	129	161	145	141	142	255	185	214
21	190	158	174	---	---	---	149	143	145	214	176	190
22	221	125	177	197	149	168	152	145	149	205	180	195
23	220	163	181	173	152	160	156	142	152	232	193	203
24	200	149	172	184	156	165	148	132	144	221	161	184
25	164	148	157	212	140	158	160	134	145	211	168	190
26	194	157	168	157	139	142	149	130	143	203	180	190
27	223	163	179	157	137	142	160	131	145	217	172	184
28	186	160	173	153	138	144	171	147	161	222	159	179
29	---	---	---	150	139	144	160	140	150	211	166	185
30	---	---	---	147	139	142	156	146	151	199	168	182
31	---	---	---	153	134	140	---	---	---	272	146	184
MONTH	---	---	---	---	---	---	---	---	---	272	138	184
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	147	126	132	125	118	122	156	136	149	251	182	213
2	130	124	125	126	118	121	159	120	146	252	192	223
3	127	124	125	148	119	134	167	138	151	227	195	208
4	137	123	127	140	123	130	160	149	155	249	194	219
5	148	136	141	149	127	132	169	150	158	254	188	234
6	171	126	135	143	124	130	168	156	160	318	198	281
7	135	122	131	145	127	138	169	149	160	303	215	266
8	140	129	133	141	131	137	175	152	165	290	205	263
9	141	119	128	178	140	155	173	156	163	265	182	224
10	124	117	120	169	143	157	175	155	164	223	188	207
11	124	117	121	158	121	138	---	---	---	235	188	209
12	128	119	124	124	113	119	---	---	---	227	183	206
13	143	121	129	135	109	121	---	---	---	224	187	204
14	173	112	140	118	108	112	---	---	---	203	177	191
15	175	127	143	120	109	115	189	165	174	213	152	190
16	127	111	119	123	110	116	184	166	174	241	160	185
17	112	98	102	128	119	122	207	164	179	240	181	204
18	99	81	89	136	116	125	244	196	211	196	173	178
19	81	77	79	144	127	133	317	173	208	254	174	202
20	77	73	75	145	126	135	306	181	207	308	253	281
21	77	73	74	136	124	130	215	166	188	306	207	251
22	83	76	79	142	115	134	180	159	168	249	177	202
23	88	81	84	139	126	133	187	171	176	218	169	195
24	94	86	89	178	137	156	205	168	183	248	202	215
25	101	94	99	188	149	160	217	165	193	308	215	253
26	110	99	102	161	140	149	228	161	187	298	177	211
27	111	100	104	182	138	150	197	173	189	195	168	180
28	107	100	104	190	143	154	207	188	194	211	172	187
29	118	106	111	159	143	149	223	196	206	226	195	205
30	121	114	118	157	137	148	228	185	206	241	204	216
31	---	---	---	178	136	144	222	180	193	---	---	---
MONTH	175	73	113	190	108	135	---	---	---	318	152	217

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	262	189	230	183	138	162	226	169	185
2	---	---	---	215	173	195	251	139	174	266	226	253
3	139	121	127	187	164	175	236	163	188	263	190	229
4	178	128	157	188	166	176	190	160	174	244	194	225
5	160	143	152	182	158	172	180	168	175	206	163	175
6	157	151	154	165	154	159	224	175	197	182	162	172
7	207	150	167	166	134	157	260	220	247	194	167	180
8	189	144	152	206	136	183	245	187	203	202	186	194
9	192	145	162	190	180	187	223	171	197	223	184	199
10	174	149	156	193	180	187	193	130	152	228	192	207
11	185	160	170	199	146	173	136	117	127	219	196	209
12	206	166	188	166	146	157	182	130	160	307	195	254
13	179	157	165	186	165	179	268	176	205	---	---	---
14	179	170	175	213	184	195	214	180	204	228	196	210
15	188	172	184	230	183	208	232	168	199	240	197	215
16	199	167	180	188	174	181	206	164	178	240	207	218
17	214	185	196	214	176	200	186	117	159	241	220	227
18	221	178	201	202	173	183	182	90	123	244	196	228
19	199	153	165	191	170	177	170	89	130	237	188	211
20	185	148	173	204	159	173	142	123	135	225	198	207
21	242	177	221	202	152	167	172	123	143	246	188	206
22	238	188	201	164	151	157	147	119	127	260	160	196
23	232	177	211	189	159	174	150	120	126	267	194	234
24	234	190	209	193	168	182	136	119	127	238	202	220
25	226	186	204	194	125	157	206	128	185	226	200	217
26	206	168	187	226	131	193	236	191	212	238	194	214
27	198	166	187	213	156	170	239	208	224	247	201	216
28	---	---	---	204	176	186	242	195	226	274	203	234
29	232	175	192	202	166	186	211	157	182	220	199	208
30	244	199	221	169	152	159	207	157	172	220	190	199
31	237	187	221	---	---	---	210	192	202	264	181	218
MONTH	---	---	---	262	125	179	268	89	175	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	258	181	215	---	---	---	---	---	---	168	159	163
2	229	199	209	---	---	---	---	---	---	182	161	168
3	244	203	222	---	---	---	---	---	---	177	163	171
4	258	201	228	---	---	---	---	---	---	179	169	173
5	259	193	228	---	---	---	---	---	---	181	170	174
6	260	201	220	---	---	---	145	139	142	211	147	170
7	256	216	240	---	---	---	147	132	143	234	155	170
8	---	---	---	---	---	---	---	---	---	197	167	174
9	---	---	---	---	---	---	145	140	142	215	173	189
10	---	---	---	---	---	---	173	136	143	220	168	192
11	---	---	---	---	---	---	156	136	139	209	187	203
12	---	---	---	---	---	---	141	135	138	215	190	198
13	---	---	---	---	---	---	140	136	138	258	194	214
14	253	204	222	---	---	---	140	136	138	209	180	193
15	227	206	214	---	---	---	138	136	137	226	176	193
16	236	214	228	---	---	---	140	135	137	215	178	197
17	252	214	226	---	---	---	145	135	138	231	151	195
18	270	215	240	---	---	---	137	134	135	201	180	192
19	252	214	231	---	---	---	141	137	139	207	189	200
20	252	222	234	---	---	---	144	140	142	241	179	211
21	248	216	230	---	---	---	148	142	144	206	173	189
22	277	195	236	---	---	---	152	146	148	196	179	185
23	---	---	---	---	---	---	156	141	151	226	184	194
24	---	---	---	---	---	---	147	142	144	219	159	178
25	---	---	---	---	---	---	162	141	146	197	161	183
26	---	---	---	---	---	---	149	141	145	198	174	185
27	---	---	---	---	---	---	162	144	148	198	168	178
28	---	---	---	---	---	---	173	158	164	217	157	174
29	---	---	---	---	---	---	169	151	160	194	164	180
30	---	---	---	---	---	---	170	158	164	193	166	178
31	---	---	---	---	---	---	---	---	---	281	147	181
MONTH	---	---	---	---	---	---	---	---	---	281	147	185

ROANOKE RIVER BASIN

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

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	147	124	131	123	116	120	158	124	151	1540	206	941
2	128	122	123	125	115	119	162	122	150	262	192	235
3	124	122	123	149	118	136	168	138	151	242	201	218
4	136	121	125	147	133	141	161	151	158	235	200	219
5	143	133	137	148	135	140	172	149	160	1310	235	530
6	168	122	132	151	133	138	167	157	161	338	256	301
7	133	119	128	153	135	145	171	149	161	332	271	286
8	137	127	130	147	139	144	178	159	167	303	264	280
9	138	116	126	185	147	161	175	159	165	287	218	242
10	121	116	118	175	150	166	175	158	167	226	199	216
11	123	116	120	169	130	146	---	---	---	244	198	219
12	127	120	124	132	122	127	---	---	---	235	195	213
13	145	123	130	143	119	130	---	---	---	231	194	212
14	172	116	145	127	117	123	---	---	---	211	184	198
15	174	127	143	128	119	124	2150	166	398	220	165	198
16	127	113	120	131	120	125	182	168	176	233	168	194
17	114	100	104	135	128	131	1930	169	785	229	191	219
18	101	84	91	142	124	131	3050	791	2340	191	183	187
19	84	80	82	151	134	140	3060	1310	2890	331	186	213
20	80	76	78	156	133	142	2960	673	2590	312	255	283
21	80	76	77	144	132	138	2880	176	901	309	213	258
22	84	79	82	148	133	143	192	169	179	256	191	205
23	89	82	85	139	133	137	204	183	191	218	162	193
24	94	87	89	184	139	161	216	179	195	1490	202	451
25	103	94	100	197	154	166	232	174	205	1620	300	1110
26	112	99	103	166	148	155	243	171	201	300	172	210
27	112	101	105	188	146	155	207	184	200	190	160	173
28	108	100	104	190	147	158	1000	197	411	207	166	183
29	117	106	111	163	146	153	1470	1000	1270	225	193	203
30	118	112	116	166	137	149	1650	858	1450	240	202	214
31	---	---	---	176	138	145	1680	587	1500	---	---	---
MONTH	174	76	113	197	115	142	---	---	---	1620	160	293

PH, WATER, WHOLE, FIELD, STANDARD UNITS, TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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

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

PH, WATER, WHOLE, FIELD, STANDARD UNITS, TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.1	6.9	7.0	7.2	7.0	7.1	6.9	6.8	6.8	7.2	7.1	7.2
2	7.1	7.0	7.0	7.1	6.9	7.0	6.8	6.7	6.8	7.3	7.2	7.2
3	7.1	6.9	7.0	6.9	6.9	6.9	6.8	6.7	6.7	7.3	7.3	7.3
4	7.1	6.9	7.0	6.9	6.8	6.9	6.8	6.7	6.8	7.3	7.0	7.1
5	7.1	7.0	7.0	6.9	6.8	6.9	7.1	6.8	6.8	7.0	6.9	7.0
6	7.1	6.9	7.0	7.0	6.8	6.9	6.8	6.8	6.8	7.2	7.0	7.0
7	7.1	7.0	7.0	7.1	6.9	7.0	6.9	6.8	6.8	7.2	7.0	7.1
8	---	---	---	7.1	6.9	7.0	---	---	---	7.1	7.0	7.0
9	---	---	---	7.0	6.9	7.0	6.7	6.6	6.7	7.1	7.0	7.0
10	---	---	---	7.0	7.0	7.0	6.8	6.6	6.6	7.1	6.9	7.0
11	---	---	---	7.1	6.9	7.0	6.8	6.6	6.6	7.0	6.9	7.0
12	---	---	---	7.1	7.0	7.0	6.7	6.6	6.6	7.0	7.0	7.0
13	---	---	---	7.2	7.1	7.1	6.7	6.5	6.6	7.1	7.0	7.0
14	6.9	6.8	6.8	7.1	7.0	7.1	6.7	6.5	6.6	7.0	6.9	7.0
15	6.9	6.8	6.8	7.0	6.9	7.0	6.7	6.7	6.7	7.0	6.9	7.0
16	6.9	6.8	6.9	7.0	6.8	6.9	6.8	6.7	6.7	7.0	6.9	6.9
17	6.9	6.8	6.9	6.9	6.8	6.8	6.7	6.6	6.7	7.0	6.8	6.9
18	7.0	6.8	6.9	6.9	6.8	6.8	6.8	6.6	6.8	7.0	6.8	6.9
19	6.9	6.8	6.8	7.0	6.9	6.9	6.8	6.8	6.8	7.0	6.9	6.9
20	7.0	6.7	6.8	7.0	6.8	6.9	6.9	6.8	6.8	7.0	6.9	6.9
21	6.9	6.8	6.8	---	---	---	6.9	6.8	6.9	6.9	6.8	6.9
22	6.9	6.8	6.8	7.0	6.9	6.9	7.0	6.9	7.0	6.9	6.8	6.9
23	7.0	6.7	6.8	7.0	6.9	6.9	7.1	7.0	7.0	6.9	6.8	6.8
24	7.0	6.9	7.0	6.9	6.8	6.9	7.1	7.0	7.0	6.9	6.7	6.8
25	7.0	6.9	7.0	7.0	6.8	6.9	7.2	6.9	7.1	6.8	6.7	6.8
26	7.1	7.0	7.0	6.9	6.8	6.8	7.2	7.1	7.1	6.8	6.7	6.8
27	7.1	7.0	7.0	6.9	6.9	6.9	7.2	7.1	7.1	6.8	6.7	6.7
28	7.1	7.0	7.0	7.0	6.9	7.0	7.2	7.1	7.1	6.8	6.7	6.7
29	---	---	---	7.0	7.0	7.0	7.2	7.2	7.2	6.8	6.7	6.8
30	---	---	---	7.0	6.8	7.0	7.2	7.2	7.2	6.8	6.7	6.7
31	---	---	---	6.9	6.8	6.9	---	---	---	6.9	6.7	6.8
MONTH	---	---	---	---	---	---	---	---	---	7.3	6.7	6.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.7	6.7	6.7	6.7	6.6	6.6	6.9	6.7	6.8	7.0	6.8	6.9
2	6.8	6.7	6.7	6.7	6.6	6.7	6.8	6.7	6.7	7.0	6.9	6.9
3	6.8	6.7	6.7	6.8	6.7	6.7	6.8	6.7	6.7	7.0	6.9	6.9
4	6.7	6.6	6.7	6.9	6.8	6.8	6.8	6.7	6.7	7.0	6.8	6.9
5	6.8	6.7	6.7	7.0	6.8	6.9	6.9	6.7	6.8	7.0	6.8	6.9
6	6.8	6.6	6.6	7.0	6.8	6.9	7.1	6.7	6.8	7.1	6.9	7.0
7	6.6	6.6	6.6	6.9	6.7	6.8	6.9	6.8	6.8	7.1	6.9	7.0
8	6.7	6.6	6.6	6.9	6.7	6.8	6.9	6.8	6.9	7.1	6.9	7.0
9	6.6	6.4	6.5	6.9	6.8	6.8	7.1	6.9	6.9	7.1	6.9	7.0
10	6.4	6.4	6.4	7.2	6.8	6.9	7.1	7.0	7.1	7.0	6.9	6.9
11	6.5	6.2	6.4	6.9	6.7	6.8	---	---	---	7.0	6.9	6.9
12	6.5	6.4	6.5	6.8	6.7	6.8	---	---	---	7.1	6.9	7.0
13	6.5	6.4	6.4	6.8	6.7	6.7	---	---	---	7.0	6.9	7.0
14	6.7	6.4	6.6	6.7	6.6	6.7	---	---	---	7.1	7.0	7.0
15	6.8	6.6	6.7	6.7	6.7	6.7	7.2	7.1	7.1	7.2	7.1	7.1
16	6.6	6.4	6.5	6.8	6.7	6.7	7.1	7.0	7.0	7.2	7.1	7.1
17	6.4	6.3	6.3	6.9	6.7	6.7	7.3	7.0	7.1	7.2	6.9	7.0
18	6.3	6.1	6.2	6.9	6.7	6.7	7.1	7.0	7.0	7.0	6.9	6.9
19	6.2	6.0	6.1	6.8	6.6	6.7	7.0	7.0	7.0	---	---	---
20	6.2	6.1	6.1	6.8	6.5	6.6	7.0	6.9	7.0	7.2	7.1	7.2
21	6.1	6.0	6.1	6.9	6.5	6.6	7.0	6.9	7.0	7.2	7.0	7.1
22	6.2	6.0	6.1	6.9	6.6	6.7	7.0	6.8	6.9	7.1	6.9	7.0
23	6.2	6.1	6.1	7.1	6.6	6.8	6.9	6.9	6.9	7.1	6.9	7.0
24	6.2	6.1	6.1	6.9	6.6	6.7	6.9	6.9	6.9	7.1	7.0	7.1
25	6.3	6.1	6.3	6.8	6.6	6.8	7.0	6.8	6.9	7.2	7.1	7.1
26	6.3	6.2	6.3	6.8	6.6	6.7	6.9	6.8	6.9	7.2	7.0	7.1
27	6.3	6.2	6.3	6.9	6.6	6.7	7.0	6.8	6.9	7.1	7.0	7.0
28	6.3	6.2	6.3	6.9	6.7	6.8	7.0	6.8	6.9	7.1	7.0	7.1
29	6.4	6.3	6.3	6.8	6.7	6.7	6.9	6.8	6.9	7.2	7.1	7.1
30	6.6	6.4	6.5	6.7	6.6	6.7	6.8	6.8	6.8	7.2	7.1	7.2
31	---	---	---	6.8	6.6	6.7	6.9	6.8	6.8	---	---	---
MONTH	6.8	6.0	6.4	7.2	6.5	6.7	---	---	---	---	---	---

ROANOKE RIVER BASIN

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

PH, WATER, WHOLE, FIELD, STANDARD UNITS, BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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

ROANOKE RIVER BASIN

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

PH, WATER, WHOLE, FIELD, STANDARD UNITS, BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.6	6.5	6.6	6.6	6.5	6.6	6.6	6.5	6.6	6.7	6.6	6.6
2	6.7	6.5	6.6	6.7	6.6	6.6	6.6	6.5	6.6	6.7	6.5	6.6
3	6.7	6.6	6.6	6.6	6.5	6.6	6.6	6.5	6.6	6.6	6.5	6.6
4	6.7	6.6	6.6	6.7	6.6	6.6	6.7	6.5	6.6	6.6	6.5	6.5
5	6.7	6.6	6.6	6.8	6.6	6.7	6.7	6.6	6.6	6.7	6.6	6.6
6	6.7	6.5	6.6	6.8	6.6	6.6	6.7	6.6	6.7	6.8	6.7	6.7
7	6.6	6.4	6.5	6.7	6.6	6.6	6.8	6.7	6.8	6.8	6.6	6.7
8	6.5	6.5	6.5	6.8	6.7	6.7	6.8	6.7	6.8	6.7	6.5	6.6
9	6.5	6.3	6.4	6.8	6.6	6.7	7.0	6.8	6.9	6.7	6.5	6.6
10	6.3	6.3	6.3	6.8	6.7	6.7	7.0	6.9	7.0	6.6	6.5	6.6
11	6.4	6.3	6.4	6.8	6.5	6.6	---	---	---	6.6	6.5	6.5
12	6.5	6.4	6.5	6.6	6.5	6.6	---	---	---	6.6	6.5	6.6
13	6.6	6.5	6.5	6.6	6.6	6.6	---	---	---	6.7	6.6	6.6
14	6.7	6.5	6.6	6.6	6.5	6.6	---	---	---	6.7	6.6	6.6
15	6.7	6.5	6.6	6.6	6.6	6.6	7.2	7.0	7.1	6.8	6.7	6.7
16	6.5	6.4	6.4	6.6	6.4	6.5	7.1	6.9	7.0	6.8	6.7	6.8
17	6.4	6.2	6.3	6.5	6.4	6.5	7.1	6.6	6.8	6.8	6.6	6.7
18	6.2	6.1	6.2	6.5	6.4	6.5	7.0	6.7	6.7	6.7	6.5	6.6
19	6.1	6.1	6.1	6.5	6.4	6.4	6.9	6.6	6.7	---	---	---
20	6.1	6.0	6.0	6.5	6.4	6.4	6.9	6.6	6.7	7.2	7.1	7.1
21	6.1	6.0	6.0	6.5	6.3	6.4	6.9	6.7	6.7	7.2	7.0	7.0
22	6.1	6.1	6.1	6.4	6.3	6.3	6.7	6.6	6.6	7.1	6.9	7.0
23	6.2	6.1	6.1	6.3	6.2	6.2	6.7	6.6	6.7	7.0	6.9	6.9
24	6.2	6.1	6.2	6.5	6.2	6.4	6.8	6.6	6.7	7.0	6.7	6.9
25	6.2	6.2	6.2	6.5	6.3	6.4	6.8	6.6	6.7	7.1	6.7	6.8
26	6.3	6.2	6.3	6.4	6.3	6.4	6.8	6.5	6.6	7.1	6.9	7.0
27	6.3	6.2	6.3	6.9	6.2	6.5	6.7	6.6	6.6	7.0	6.9	6.9
28	6.3	6.3	6.3	6.8	6.4	6.5	6.7	6.5	6.6	7.1	6.9	7.0
29	6.4	6.3	6.4	6.6	6.5	6.6	6.7	6.7	6.7	7.1	7.0	7.0
30	6.6	6.4	6.5	6.6	6.5	6.5	6.7	6.6	6.7	7.2	7.0	7.1
31	---	---	---	6.6	6.3	6.5	6.7	6.6	6.6	---	---	---
MONTH	6.7	6.0	6.4	6.9	6.2	6.5	---	---	---	---	---	---

TEMPERATURE, WATER (DEG. C), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.1	20.7	20.9	17.6	16.7	17.1	10.2	9.5	9.9	3.6	3.2	3.5
2	21.9	20.6	21.0	17.1	16.6	16.8	9.6	9.1	9.4	3.7	3.2	3.5
3	23.1	20.7	21.1	17.1	16.3	16.6	9.2	7.8	8.4	3.9	3.2	3.4
4	22.7	20.8	21.6	17.0	16.4	16.6	7.9	7.4	7.7	3.8	3.1	3.5
5	22.9	21.5	22.1	16.5	15.8	16.2	7.8	7.3	7.5	3.6	3.1	3.3
6	23.6	22.0	22.6	16.1	15.2	15.5	7.7	7.2	7.5	3.3	2.8	3.0
7	23.0	22.1	22.6	15.9	15.4	15.6	8.1	7.4	7.7	3.4	2.7	3.0
8	22.7	20.5	21.3	17.1	15.7	16.0	8.1	7.4	7.7	3.7	3.1	3.4
9	20.8	19.8	20.2	17.1	16.0	16.6	7.9	6.7	7.4	4.0	3.4	3.6
10	20.0	19.0	19.4	17.1	16.6	16.9	6.7	6.3	6.6	3.8	3.1	3.4
11	20.3	18.8	19.2	17.1	16.3	16.6	6.5	6.3	6.3	4.4	3.1	3.7
12	20.3	19.1	19.6	16.3	15.6	15.8	7.4	6.4	6.9	4.9	3.9	4.4
13	20.0	19.2	19.6	16.4	15.4	15.7	7.6	6.9	7.2	---	---	---
14	20.0	18.8	19.2	15.8	15.4	15.7	9.2	7.6	8.4	5.6	4.8	5.1
15	19.7	18.4	18.8	15.5	14.9	15.2	8.8	8.3	8.5	6.6	5.5	6.0
16	19.9	18.7	19.0	15.0	14.3	14.5	8.9	8.3	8.5	7.0	6.0	6.3
17	19.8	18.9	19.3	14.8	14.3	14.6	10.1	8.9	9.4	7.0	6.3	6.5
18	19.8	19.3	19.5	14.6	13.7	14.1	9.4	8.6	8.9	6.8	6.6	6.6
19	20.2	19.3	19.6	13.9	12.9	13.5	8.9	8.3	8.6	8.0	6.7	7.1
20	20.4	19.1	19.4	12.9	12.3	12.7	8.5	7.5	8.0	8.0	7.7	7.8
21	20.8	19.3	19.7	12.3	11.1	11.8	8.1	7.3	7.6	8.1	7.6	7.9
22	20.1	19.4	19.6	11.1	10.2	10.6	7.6	7.0	7.3	7.7	7.0	7.4
23	19.7	18.9	19.2	10.4	9.9	10.1	7.0	6.0	6.5	7.6	6.8	7.1
24	19.2	18.3	18.8	10.3	9.8	10.0	6.1	5.4	5.9	7.9	6.4	6.9
25	19.5	18.6	19.0	10.1	9.3	9.8	5.5	4.8	5.1	7.1	6.6	6.9
26	19.2	18.5	18.9	11.1	9.8	10.6	4.9	4.2	4.6	6.7	5.9	6.3
27	19.2	18.5	18.8	11.0	10.3	10.7	4.9	4.6	4.8	6.7	6.0	6.3
28	---	---	---	11.2	10.4	10.8	5.2	4.7	4.9	6.6	5.9	6.4
29	18.7	17.8	18.3	10.9	10.4	10.6	4.7	4.3	4.5	6.0	5.7	5.8
30	18.3	17.5	17.8	10.6	10.1	10.3	4.8	4.0	4.5	6.9	5.7	6.1
31	17.5	17.1	17.3	---	---	---	4.1	3.4	3.8	7.8	6.6	7.1
MONTH	---	---	---	17.6	9.3	13.9	10.2	3.4	7.1	---	---	---

ROANOKE RIVER BASIN

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

TEMPERATURE, WATER (DEG. C), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.5	6.9	7.1	10.5	9.4	9.8	12.4	11.9	12.1	19.6	17.7	18.4
2	7.3	6.8	7.1	10.7	9.5	10.0	12.4	11.6	12.0	20.1	18.3	18.9
3	7.3	6.5	6.8	10.3	9.8	10.1	12.6	12.2	12.4	20.5	19.0	19.5
4	7.0	6.4	6.7	10.5	10.1	10.4	12.6	11.9	12.3	21.9	19.8	20.4
5	7.8	6.9	7.3	10.6	10.2	10.4	13.0	11.7	12.2	21.9	20.0	20.8
6	8.2	7.1	7.5	10.3	9.1	9.6	13.3	12.1	12.6	21.5	20.5	20.9
7	8.1	7.1	7.7	9.4	8.1	8.8	14.5	13.0	13.7	20.9	19.6	20.1
8	---	---	---	10.0	8.7	9.1	---	---	---	21.7	20.0	20.6
9	---	---	---	10.3	9.0	9.5	17.6	15.7	16.5	22.0	20.9	21.2
10	---	---	---	10.1	9.1	9.4	18.5	17.0	17.7	23.0	20.7	21.2
11	---	---	---	10.3	8.8	9.5	18.4	17.5	18.0	23.3	20.9	21.7
12	---	---	---	10.5	9.3	9.8	18.9	18.0	18.4	23.4	21.3	22.1
13	---	---	---	12.4	10.2	11.3	19.0	18.5	18.6	22.9	21.6	22.1
14	9.1	8.6	8.7	12.2	11.2	11.7	18.9	18.2	18.5	23.2	21.3	21.9
15	10.3	9.1	9.8	11.9	11.5	11.7	18.6	17.9	18.2	22.4	21.6	21.9
16	11.1	9.8	10.3	12.6	11.6	12.1	18.0	17.7	17.9	21.9	21.1	21.5
17	10.6	10.1	10.4	13.5	12.1	12.7	17.7	15.8	16.9	21.5	20.8	21.1
18	10.3	9.4	9.8	12.9	12.5	12.7	15.8	14.1	14.7	22.5	20.6	21.1
19	9.8	8.9	9.3	13.2	11.9	12.5	14.7	13.9	14.1	22.4	21.1	21.5
20	10.5	8.8	9.6	12.5	10.8	11.8	14.8	14.0	14.3	23.2	21.8	22.3
21	11.3	9.7	10.5	---	---	---	15.8	14.3	15.0	22.9	21.9	22.4
22	10.6	9.2	9.8	12.5	11.7	12.1	17.2	15.5	16.2	23.6	22.0	22.7
23	10.2	8.9	9.3	13.1	11.8	12.3	18.1	16.6	17.3	23.8	22.8	23.1
24	9.2	8.6	8.8	13.4	12.3	12.7	18.9	17.5	18.1	25.7	22.9	23.4
25	9.6	8.5	8.9	12.6	11.9	12.3	18.6	17.5	18.0	24.6	22.9	23.7
26	10.9	9.6	10.0	12.5	11.7	11.9	17.5	16.9	17.3	24.5	23.7	24.2
27	10.6	9.6	10.0	12.2	11.3	11.7	18.2	17.0	17.6	24.8	23.9	24.4
28	10.1	9.5	9.9	11.9	11.1	11.5	18.4	17.5	17.8	24.5	23.6	23.9
29	---	---	---	11.8	11.3	11.5	18.3	17.3	17.7	23.8	23.3	23.5
30	---	---	---	13.0	11.6	12.1	18.2	17.0	17.6	24.2	23.2	23.5
31	---	---	---	12.8	12.2	12.5	---	---	---	24.2	23.0	23.3
MONTH	---	---	---	---	---	---	---	---	---	25.7	17.7	21.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	23.3	22.9	23.1	28.7	27.5	28.0	26.9	25.5	26.0	28.0	27.4	27.6
2	24.0	22.7	23.2	28.0	27.0	27.4	27.1	25.7	26.2	28.7	27.2	27.7
3	24.7	23.2	23.8	27.9	26.7	27.0	28.4	25.9	26.5	28.2	27.4	27.7
4	24.4	23.7	24.0	28.0	26.7	27.3	27.8	25.8	26.6	28.2	27.5	27.8
5	25.3	23.7	24.1	28.9	27.2	27.8	28.8	26.1	26.7	27.9	27.2	27.5
6	24.4	23.6	24.0	28.9	27.6	27.9	29.9	26.3	26.9	28.4	27.4	27.7
7	24.9	24.2	24.5	28.3	26.9	27.4	29.2	27.1	27.8	28.3	27.1	27.6
8	24.6	24.1	24.4	27.5	26.7	27.0	29.5	28.0	28.5	28.1	27.2	27.6
9	24.7	23.8	24.2	27.9	26.7	27.0	29.9	28.6	29.1	28.3	27.3	27.6
10	24.7	23.6	24.1	29.6	27.5	28.0	30.1	29.0	29.5	28.9	27.1	27.6
11	25.3	24.5	24.8	29.2	28.0	28.5	---	---	---	28.0	27.2	27.5
12	25.3	24.6	25.0	28.8	27.8	28.3	---	---	---	28.1	27.1	27.5
13	25.3	24.7	24.9	28.4	27.2	27.9	---	---	---	27.2	26.9	27.1
14	25.1	24.8	25.0	27.5	26.7	27.1	---	---	---	27.0	25.7	26.6
15	24.8	24.1	24.5	27.5	26.5	27.0	30.0	28.7	29.2	25.7	24.5	25.1
16	24.5	23.8	24.1	28.1	26.8	27.1	29.5	28.8	29.0	24.6	23.6	24.1
17	24.1	23.7	23.9	28.7	26.4	27.1	30.7	28.9	29.7	25.0	23.7	24.1
18	24.2	23.4	23.8	27.3	26.5	26.8	29.7	29.0	29.3	25.0	24.2	24.3
19	24.2	23.5	23.8	26.9	26.5	26.7	29.7	28.6	29.0	25.3	24.4	24.7
20	24.4	23.5	23.9	27.4	25.9	26.5	28.9	28.1	28.5	25.2	24.9	25.0
21	24.7	23.9	24.3	27.2	25.8	26.4	29.2	28.0	28.3	26.0	24.7	24.9
22	25.2	24.3	24.8	27.9	26.2	26.8	29.4	28.3	28.6	25.7	24.5	24.8
23	25.2	24.8	24.9	28.3	27.0	27.6	29.6	28.3	28.8	26.2	24.7	25.0
24	25.5	24.9	25.2	28.3	27.1	27.7	28.7	28.1	28.3	25.4	24.8	25.0
25	25.8	25.0	25.3	28.9	27.7	28.1	28.5	27.5	27.9	25.2	24.6	24.8
26	26.7	24.9	25.3	28.0	27.5	27.7	28.1	27.3	27.6	24.9	23.9	24.2
27	26.0	25.3	25.5	27.5	26.7	27.1	28.9	27.0	27.8	24.6	23.2	23.8
28	27.0	25.9	26.3	27.0	26.2	26.6	29.2	27.5	28.0	23.9	23.1	23.5
29	27.8	26.5	27.0	26.5	26.2	26.3	28.4	27.9	28.1	23.5	22.6	23.0
30	29.0	27.2	27.8	26.2	25.4	25.8	29.1	27.6	27.9	22.6	21.3	21.7
31	---	---	---	27.0	25.2	25.7	28.9	27.5	28.1	---	---	---
MONTH	29.0	22.7	24.6	29.6	25.2	27.2	---	---	---	28.9	21.3	25.8

ROANOKE RIVER BASIN

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

TEMPERATURE, WATER (DEG. C), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.1	20.6	20.8	17.3	16.6	16.9	10.2	9.6	9.9	3.8	3.3	3.6
2	20.9	20.5	20.7	16.9	16.2	16.6	9.6	9.1	9.5	3.9	3.5	3.7
3	20.9	20.5	20.7	16.8	16.0	16.4	9.2	7.8	8.5	3.8	3.2	3.6
4	21.8	20.6	21.0	16.7	16.3	16.4	7.9	7.5	7.7	4.0	3.2	3.6
5	22.3	21.3	21.6	16.4	15.7	16.1	7.8	7.3	7.5	3.7	3.2	3.4
6	22.4	21.9	22.0	15.7	15.0	15.4	7.8	7.2	7.5	3.4	2.9	3.1
7	22.8	22.0	22.3	15.7	15.3	15.5	7.9	7.4	7.6	3.6	2.8	3.1
8	22.6	20.4	21.2	15.9	15.6	15.7	7.9	7.4	7.7	3.8	3.2	3.5
9	20.7	19.6	20.0	16.7	15.9	16.1	7.9	6.8	7.4	4.1	3.5	3.8
10	19.7	18.6	19.0	17.1	16.6	16.7	6.8	6.4	6.7	3.9	3.2	3.5
11	19.3	18.5	18.8	17.0	16.1	16.5	6.5	6.2	6.4	4.1	3.3	3.8
12	19.8	19.0	19.3	16.2	15.4	15.7	7.3	6.4	6.9	4.9	4.1	4.4
13	19.7	18.9	19.3	15.6	15.2	15.4	7.7	6.9	7.3	---	---	---
14	19.0	18.6	18.9	15.7	15.4	15.6	8.8	7.6	8.3	5.3	4.9	5.1
15	18.9	18.2	18.5	15.4	14.8	15.0	8.8	8.3	8.6	6.0	5.3	5.7
16	18.8	18.5	18.6	14.9	14.1	14.4	8.9	8.4	8.5	6.5	5.8	6.2
17	19.1	18.6	18.7	14.6	14.2	14.5	10.1	8.9	9.5	6.7	6.3	6.5
18	19.3	19.0	19.2	14.5	13.5	13.9	9.5	8.6	8.8	6.8	6.6	6.7
19	19.5	19.1	19.2	13.9	12.9	13.4	9.0	8.4	8.6	7.5	6.7	7.0
20	19.3	18.9	19.1	12.9	12.2	12.6	8.6	7.6	8.0	8.1	7.5	7.8
21	19.8	19.1	19.3	12.2	10.9	11.7	8.0	7.2	7.6	8.2	7.6	7.9
22	19.7	19.2	19.4	10.9	10.1	10.5	7.6	7.1	7.4	7.7	7.0	7.4
23	19.6	18.8	19.1	10.2	9.7	10.0	7.1	6.1	6.5	7.7	6.8	7.1
24	18.9	18.2	18.4	10.2	9.5	9.9	6.2	5.5	5.9	7.2	6.4	6.7
25	19.1	18.4	18.7	10.0	9.2	9.7	5.6	4.8	5.1	7.1	6.6	6.9
26	19.0	18.5	18.7	11.0	9.6	10.5	5.0	4.3	4.7	6.6	5.9	6.2
27	19.0	18.5	18.7	10.9	10.2	10.6	5.0	4.7	4.9	6.7	6.0	6.3
28	---	---	---	10.9	10.4	10.6	5.3	4.8	5.0	6.7	5.9	6.4
29	18.6	17.7	18.1	10.8	10.4	10.7	4.9	4.2	4.5	5.9	5.8	5.8
30	17.9	16.9	17.5	10.7	10.1	10.3	4.9	4.1	4.6	7.0	5.7	6.1
31	17.5	17.0	17.2	---	---	---	4.2	3.5	3.9	7.7	6.6	7.1
MONTH	---	---	---	17.3	9.2	13.8	10.2	3.5	7.1	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.3	6.9	7.1	10.0	9.3	9.6	12.3	11.8	12.1	18.9	17.6	18.1
2	7.2	6.8	7.1	10.3	9.5	9.8	12.3	11.6	11.9	19.1	18.2	18.5
3	7.1	6.4	6.8	10.3	9.8	10.0	12.6	12.2	12.4	19.7	18.9	19.2
4	7.0	6.5	6.8	10.5	9.8	10.3	12.5	11.9	12.3	20.6	19.6	20.0
5	7.6	6.9	7.2	10.6	10.2	10.4	12.7	11.7	12.1	20.6	20.1	20.3
6	7.9	7.1	7.4	10.3	9.1	9.5	13.0	12.1	12.5	21.0	20.3	20.8
7	8.1	7.1	7.6	9.4	8.1	8.7	14.4	13.0	13.6	20.7	19.6	20.1
8	---	---	---	9.3	8.5	8.8	---	---	---	21.0	20.0	20.3
9	---	---	---	9.6	8.9	9.2	17.3	15.6	16.4	21.2	20.6	21.0
10	---	---	---	9.4	9.1	9.2	18.3	17.0	17.6	21.2	20.6	20.9
11	---	---	---	9.8	8.8	9.3	18.3	17.5	17.9	22.2	20.9	21.2
12	---	---	---	10.4	9.2	9.6	18.7	18.0	18.3	22.1	21.2	21.5
13	---	---	---	12.2	10.2	11.0	18.8	18.5	18.6	22.2	21.6	21.9
14	9.1	8.6	8.8	11.9	11.1	11.6	18.7	18.2	18.4	22.3	21.3	21.7
15	10.0	9.1	9.7	11.9	11.4	11.7	18.4	17.9	18.2	22.1	21.6	21.8
16	10.6	9.8	10.1	12.6	11.6	12.0	18.0	17.7	17.9	21.9	21.2	21.5
17	10.5	10.1	10.4	13.0	12.0	12.5	17.7	15.8	16.9	21.6	20.9	21.2
18	10.4	9.3	9.8	12.9	12.4	12.7	15.8	14.0	14.7	21.1	20.6	20.8
19	9.5	8.8	9.2	12.7	11.9	12.2	14.4	13.9	14.1	21.3	21.0	21.2
20	10.2	8.8	9.4	12.5	10.9	11.7	14.6	14.0	14.3	22.3	21.3	21.9
21	11.0	9.7	10.3	---	---	---	15.6	14.3	15.0	22.7	22.0	22.3
22	10.7	9.3	9.8	12.4	11.7	12.0	16.9	15.5	16.1	23.2	22.0	22.4
23	9.4	8.1	9.0	12.6	11.7	12.1	18.0	16.6	17.2	23.2	22.2	22.8
24	8.9	8.5	8.7	13.1	12.2	12.6	18.7	17.5	18.1	23.3	22.9	23.0
25	9.4	8.4	8.8	12.6	11.9	12.3	18.7	17.4	18.0	24.5	22.9	23.4
26	10.3	9.4	9.8	12.2	11.6	11.8	17.5	16.7	17.2	24.5	23.7	24.2
27	10.2	9.6	9.7	12.0	11.0	11.6	18.0	16.9	17.5	24.7	23.9	24.3
28	10.0	9.5	9.8	11.7	10.9	11.4	18.0	17.4	17.7	24.7	23.7	24.0
29	---	---	---	11.7	11.3	11.4	17.9	17.3	17.6	23.8	23.4	23.6
30	---	---	---	12.6	11.6	12.0	17.8	16.9	17.4	23.7	23.2	23.4
31	---	---	---	12.7	12.2	12.4	---	---	---	23.7	22.8	23.2
MONTH	---	---	---	---	---	---	---	---	---	24.7	17.6	21.6

ROANOKE RIVER BASIN

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

TEMPERATURE, WATER (DEG. C), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.4	23.0	23.2	28.1	27.4	27.7	26.0	25.5	25.7	27.7	26.4	27.0
2	23.5	22.8	23.2	28.0	26.8	27.4	26.1	25.7	25.9	27.9	27.1	27.4
3	24.2	23.2	23.7	27.2	26.6	26.9	26.1	25.8	26.0	27.8	27.3	27.5
4	24.4	23.8	24.1	27.7	26.8	27.0	26.8	25.8	26.2	27.7	27.4	27.5
5	24.2	23.8	23.9	28.1	27.2	27.5	26.8	26.1	26.4	27.7	26.6	27.2
6	24.4	23.7	24.0	28.0	27.6	27.8	27.0	26.3	26.6	27.9	27.2	27.5
7	24.7	24.3	24.5	27.7	26.9	27.3	27.9	27.0	27.4	27.9	27.0	27.3
8	24.8	24.2	24.5	27.5	26.8	27.1	28.8	27.8	28.3	27.7	27.1	27.3
9	24.5	23.9	24.2	27.2	26.6	26.9	29.4	28.6	28.9	27.6	27.3	27.4
10	24.8	23.6	24.1	28.1	27.2	27.7	29.8	29.0	29.4	27.4	27.0	27.1
11	25.1	24.5	24.8	28.9	28.0	28.4	---	---	---	27.9	27.1	27.4
12	25.0	24.6	24.8	28.7	27.9	28.3	---	---	---	27.7	26.9	27.2
13	25.1	24.6	24.8	28.5	27.4	28.0	---	---	---	27.2	26.8	27.0
14	25.1	24.7	24.9	27.4	26.7	27.1	---	---	---	27.0	25.8	26.6
15	24.7	24.1	24.5	27.3	26.6	27.0	29.1	27.9	28.8	25.8	24.5	25.0
16	24.3	23.7	24.0	27.2	26.8	27.0	29.1	28.6	28.8	24.6	23.6	24.1
17	24.1	23.6	23.8	27.5	26.5	26.7	29.1	27.6	28.4	24.2	23.4	23.7
18	24.0	23.3	23.7	27.0	26.5	26.7	28.7	27.2	27.4	24.4	24.0	24.1
19	24.0	23.4	23.7	26.9	26.6	26.7	28.2	27.2	27.3	24.9	23.5	24.2
20	24.2	23.5	23.8	27.0	26.0	26.4	28.3	27.1	27.4	25.1	24.7	24.9
21	24.6	23.8	24.2	26.9	25.8	26.2	28.4	27.1	27.9	25.0	24.6	24.7
22	25.1	24.3	24.7	26.8	26.2	26.4	28.6	28.3	28.4	24.9	24.5	24.7
23	25.1	24.7	24.9	27.1	26.8	26.9	28.7	28.1	28.3	24.8	24.6	24.7
24	25.3	24.9	25.1	28.2	27.0	27.6	28.6	28.0	28.2	25.2	23.7	24.7
25	25.5	24.9	25.2	28.6	27.8	28.1	28.3	27.5	27.8	25.0	23.6	24.1
26	25.5	24.8	25.1	28.1	27.5	27.8	27.8	27.1	27.4	24.9	23.7	24.2
27	25.8	25.2	25.4	27.6	26.7	27.1	27.5	26.8	27.1	23.9	23.2	23.5
28	26.6	25.8	26.1	26.9	26.2	26.5	27.6	26.3	27.0	23.8	23.0	23.4
29	27.5	26.4	26.7	26.5	26.1	26.3	26.5	25.9	26.1	23.4	22.4	22.9
30	28.0	27.1	27.5	26.2	25.5	25.8	27.0	25.9	26.0	22.6	21.2	21.6
31	---	---	---	25.6	25.1	25.4	27.5	26.0	26.2	---	---	---
MONTH	28.0	22.8	24.6	28.9	25.1	27.1	---	---	---	27.9	21.2	25.5

OXYGEN DISSOLVED (MG/L), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.4	5.9	6.1	7.2	6.8	6.9	9.4	8.9	9.1	11.7	11.5	11.6
2	6.4	5.8	6.1	7.3	6.9	7.0	9.6	9.2	9.4	11.7	11.3	11.5
3	6.1	5.4	5.8	7.3	6.8	7.0	9.9	9.4	9.7	11.7	11.3	11.5
4	5.7	5.2	5.4	7.2	6.8	7.0	9.8	9.6	9.7	11.8	11.5	11.6
5	5.7	5.2	5.5	7.7	7.0	7.3	9.7	9.5	9.6	12.1	11.7	11.9
6	5.9	5.4	5.6	7.6	7.2	7.4	9.8	9.5	9.6	12.3	12.0	12.1
7	6.0	5.4	5.7	7.4	7.2	7.3	9.8	9.4	9.5	12.3	12.1	12.2
8	6.6	5.5	6.1	7.3	6.5	6.9	9.7	9.5	9.6	12.1	11.9	12.0
9	6.4	5.5	5.9	6.8	6.6	6.7	10.2	9.6	9.9	11.9	11.7	11.8
10	6.5	5.9	6.1	6.9	6.5	6.7	10.7	10.2	10.4	12.0	11.6	11.7
11	6.3	5.7	6.0	7.3	6.6	6.9	10.8	10.6	10.7	11.9	11.4	11.6
12	6.3	5.4	5.8	7.4	7.0	7.2	10.7	10.6	10.7	11.5	11.0	11.2
13	7.1	6.1	6.3	7.2	6.8	7.0	10.7	10.2	10.4	---	---	---
14	6.6	6.4	6.5	6.9	6.6	6.7	10.5	10.2	10.3	11.3	11.0	11.1
15	7.0	6.4	6.5	7.0	6.5	6.7	10.3	10.1	10.2	11.2	10.7	11.0
16	7.0	6.5	6.8	7.2	6.8	7.0	10.4	10.2	10.3	11.3	10.7	11.0
17	7.1	6.5	6.9	7.2	6.6	6.9	10.6	10.1	10.3	11.0	10.3	10.5
18	7.1	6.4	6.8	7.4	6.6	7.0	10.7	10.2	10.4	10.4	10.1	10.3
19	7.0	6.4	6.7	7.6	7.0	7.2	10.5	10.1	10.3	10.5	10.0	10.2
20	7.0	6.2	6.5	8.1	7.5	7.7	10.4	10.2	10.3	10.1	9.8	10.0
21	6.8	5.8	6.2	8.9	7.8	8.4	10.5	10.2	10.3	10.4	9.7	10.0
22	6.5	6.0	6.2	9.4	8.9	9.1	10.5	10.2	10.4	10.5	9.8	10.2
23	6.8	6.3	6.5	9.4	9.0	9.2	10.8	10.4	10.6	10.8	9.8	10.2
24	6.8	6.3	6.4	9.4	9.1	9.2	10.9	10.5	10.6	10.5	10.0	10.2
25	7.0	6.4	6.6	9.9	9.2	9.4	11.3	10.9	11.1	10.8	10.1	10.4
26	7.2	6.6	6.9	9.7	8.9	9.2	11.3	11.0	11.1	11.2	10.4	10.7
27	7.2	6.7	7.0	9.4	8.6	9.1	11.2	10.9	11.0	11.1	10.8	10.9
28	---	---	---	9.0	8.8	8.9	11.3	10.9	11.1	11.1	10.5	10.8
29	7.1	6.6	6.8	8.9	8.7	8.8	11.7	11.2	11.4	10.9	10.6	10.7
30	7.2	6.5	6.8	9.2	8.9	9.1	11.4	11.3	11.3	11.2	10.7	10.9
31	7.1	6.7	6.8	---	---	---	12.1	11.2	11.5	11.1	10.7	10.9
MONTH	---	---	---	9.9	6.5	7.7	12.1	8.9	10.3	---	---	---

ROANOKE RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	11.0	10.6	10.8	9.0	8.2	8.5	9.2	8.8	9.0	7.5	6.7	7.0
2	11.0	10.8	10.9	8.8	8.3	8.5	9.3	8.6	8.8	7.6	6.9	7.2
3	10.9	10.6	10.7	8.6	8.1	8.3	8.7	8.4	8.6	7.4	6.9	7.1
4	11.0	10.5	10.7	8.4	7.5	7.9	8.9	8.4	8.6	7.2	6.6	6.9
5	10.7	10.3	10.5	7.8	7.4	7.6	9.0	8.3	8.6	7.2	6.6	6.9
6	10.5	10.1	10.4	8.4	7.6	7.9	8.8	8.2	8.3	7.6	6.6	7.1
7	10.7	10.0	10.3	8.5	7.7	8.3	8.3	7.8	8.0	7.2	6.8	6.9
8	---	---	---	8.6	8.2	8.3	---	---	---	7.3	6.6	6.9
9	---	---	---	8.6	8.3	8.4	6.7	6.1	6.5	7.0	6.2	6.6
10	---	---	---	8.6	8.2	8.4	6.2	5.6	5.8	7.2	6.3	6.5
11	---	---	---	8.6	8.2	8.3	5.6	4.8	5.2	6.8	6.3	6.5
12	---	---	---	8.7	8.1	8.4	5.2	4.7	5.0	6.8	6.4	6.6
13	---	---	---	9.0	8.3	8.6	5.1	4.8	5.0	6.8	6.1	6.4
14	9.8	9.4	9.6	8.8	8.4	8.6	5.1	4.7	4.9	6.8	5.9	6.4
15	9.6	8.9	9.2	8.6	7.8	8.2	5.3	4.8	5.1	6.7	5.7	6.1
16	9.4	8.9	9.2	8.1	7.7	7.9	5.2	4.8	5.0	6.3	5.5	5.8
17	9.4	9.0	9.2	7.9	7.6	7.7	5.4	4.8	5.0	5.9	5.4	5.6
18	9.2	8.9	9.1	8.0	7.4	7.7	5.2	4.9	5.0	5.8	5.1	5.3
19	9.9	9.1	9.3	8.4	7.8	8.1	6.0	5.2	5.7	5.6	5.0	5.2
20	9.8	9.2	9.4	8.8	7.9	8.2	6.5	5.9	6.2	6.0	5.3	5.6
21	9.2	8.8	9.0	---	---	---	6.6	6.2	6.4	5.8	5.3	5.6
22	9.6	8.8	9.3	8.3	8.0	8.1	6.8	6.2	6.4	5.9	5.6	5.7
23	9.0	8.3	8.7	8.5	8.1	8.3	6.6	6.2	6.4	5.7	5.2	5.4
24	9.0	8.2	8.5	8.5	8.0	8.2	6.7	6.2	6.4	6.1	5.1	5.4
25	8.8	8.5	8.6	8.8	8.1	8.5	6.6	6.1	6.4	5.9	5.0	5.2
26	8.6	8.2	8.4	8.6	8.0	8.4	6.8	6.3	6.5	5.3	4.9	5.1
27	8.6	8.0	8.3	8.9	8.6	8.8	6.6	6.1	6.4	5.4	4.9	5.1
28	8.6	8.2	8.4	9.3	8.7	9.0	6.8	6.2	6.5	5.3	4.9	5.1
29	---	---	---	9.3	8.9	9.1	7.0	6.3	6.7	5.1	4.8	4.9
30	---	---	---	9.3	8.9	9.1	7.1	6.7	6.8	5.5	4.9	5.1
31	---	---	---	9.2	8.8	9.0	---	---	---	6.0	5.1	5.7
MONTH	---	---	---	---	---	---	---	---	---	7.6	4.8	6.0
	JUNE			JULY			AUGUST			SEPTEMBER		
1	6.2	5.8	6.0	6.3	5.5	5.9	6.7	5.6	6.0	4.5	3.8	4.1
2	6.8	6.1	6.3	6.6	5.7	6.0	6.5	5.5	5.9	4.8	3.5	4.0
3	7.2	6.6	6.9	6.1	5.2	5.7	6.6	5.5	5.8	4.7	3.9	4.1
4	7.3	6.8	7.0	6.5	5.4	5.8	6.4	5.4	5.8	4.7	3.6	4.0
5	7.3	6.7	7.0	6.9	5.9	6.2	6.7	5.4	5.8	4.3	3.5	3.7
6	7.2	6.6	6.8	7.3	5.7	6.1	7.5	5.4	5.9	4.7	3.4	3.8
7	6.8	6.6	6.7	7.1	5.5	5.9	6.3	5.6	5.9	4.6	3.4	3.8
8	6.9	6.5	6.6	6.5	5.6	5.9	6.1	5.6	5.8	5.3	3.6	4.0
9	6.6	5.9	6.3	6.4	5.6	5.9	6.0	5.6	5.8	5.2	3.9	4.5
10	5.9	5.5	5.7	7.9	5.8	6.2	5.9	5.4	5.6	5.7	4.0	4.4
11	6.0	5.5	5.7	6.0	5.5	5.8	---	---	---	5.1	3.9	4.5
12	6.4	5.9	6.1	6.4	5.4	5.8	---	---	---	5.7	4.5	4.9
13	6.7	6.2	6.3	6.1	5.6	5.8	---	---	---	5.2	4.4	4.8
14	7.0	6.1	6.4	6.2	5.7	5.9	---	---	---	5.8	4.8	5.1
15	6.8	6.2	6.5	6.4	5.8	6.0	5.8	5.0	5.2	6.2	5.6	5.8
16	6.2	5.6	5.8	6.8	5.9	6.1	5.5	4.5	5.0	6.8	5.5	6.0
17	5.7	5.1	5.3	7.1	5.9	6.3	6.5	4.3	5.2	6.0	5.2	5.6
18	5.1	4.6	4.9	6.4	5.0	5.9	4.8	3.5	3.9	6.2	4.7	5.5
19	4.6	4.0	4.1	5.6	4.1	4.9	4.2	3.6	3.8	6.5	5.4	6.0
20	4.1	4.0	4.0	6.6	4.4	5.2	4.3	3.6	3.9	6.1	5.1	5.4
21	4.1	3.9	4.0	6.9	4.2	5.2	4.4	3.3	3.7	7.0	5.0	5.4
22	4.1	3.9	4.0	6.9	4.2	5.1	4.4	3.6	4.0	6.3	5.2	5.7
23	5.0	3.9	4.2	6.8	4.3	5.4	4.6	3.6	3.9	6.7	5.0	5.9
24	4.4	3.9	4.1	6.3	3.4	4.8	4.2	3.2	3.8	6.2	5.3	5.8
25	4.8	4.2	4.3	6.0	3.9	5.3	4.6	3.6	4.0	6.5	5.2	5.6
26	5.0	4.2	4.4	6.2	4.0	5.3	4.8	3.5	4.1	6.5	5.2	5.9
27	4.6	4.2	4.3	6.5	3.8	5.7	4.8	3.7	4.2	6.3	5.6	6.0
28	4.9	4.4	4.6	6.2	5.7	5.9	5.0	3.9	4.4	6.8	5.8	6.2
29	5.4	4.8	5.0	6.0	5.6	5.7	4.6	3.8	4.2	6.8	5.9	6.3
30	6.4	5.2	5.7	6.2	5.6	5.9	4.6	3.4	3.8	7.2	6.1	6.5
31	---	---	---	6.8	5.6	5.9	4.8	3.6	4.2	---	---	---
MONTH	7.3	3.9	5.5	7.9	3.4	5.7	---	---	---	7.2	3.4	5.1

ROANOKE RIVER BASIN

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

OXYGEN DISSOLVED (MG/L), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	6.4	6.0	6.1	7.4	7.1	7.2	10.4	9.9	10.1	13.4	13.1	13.2
2	6.2	5.5	5.9	7.6	7.2	7.3	10.6	10.1	10.4	13.2	12.9	13.1
3	5.8	5.5	5.7	7.7	7.3	7.4	11.0	10.4	10.7	13.2	12.9	13.0
4	5.5	4.8	5.2	7.7	7.3	7.5	10.9	10.6	10.8	13.5	13.2	13.3
5	5.5	4.9	5.2	8.1	7.6	7.8	10.8	10.5	10.6	13.8	13.4	13.7
6	5.4	4.9	5.2	8.0	7.7	7.9	10.8	10.5	10.6	14.0	13.6	13.9
7	5.8	4.9	5.4	7.9	7.5	7.8	10.6	10.3	10.5	14.0	13.8	13.9
8	6.5	5.5	6.1	7.9	7.3	7.6	10.9	10.4	10.7	13.8	13.7	13.8
9	6.4	5.4	5.9	7.6	7.3	7.5	11.3	10.7	11.0	13.7	13.5	13.6
10	6.0	5.7	5.9	7.8	7.4	7.6	11.9	11.2	11.5	13.6	13.1	13.4
11	6.3	5.4	5.8	8.1	7.5	7.8	12.0	11.8	11.9	13.4	12.9	13.1
12	6.2	5.3	5.6	8.1	7.9	8.0	12.0	11.8	11.8	13.2	12.3	12.7
13	6.2	5.8	6.0	8.0	7.7	7.9	11.9	11.4	11.7	---	---	---
14	6.4	6.1	6.3	7.9	7.6	7.8	11.6	11.3	11.4	12.9	12.3	12.5
15	6.5	6.2	6.4	8.0	7.6	7.8	11.6	11.3	11.5	12.7	11.8	12.2
16	6.8	6.3	6.6	8.2	7.9	8.1	11.7	11.4	11.6	12.3	11.7	12.1
17	6.7	6.3	6.5	8.3	7.9	8.1	11.9	11.5	11.6	12.3	11.2	11.6
18	6.8	6.3	6.5	8.5	8.0	8.2	11.9	11.5	11.7	11.7	11.1	11.4
19	6.8	6.2	6.5	8.7	8.1	8.4	11.9	11.4	11.6	11.7	11.0	11.3
20	6.8	6.1	6.4	8.9	8.6	8.8	11.8	11.5	11.6	11.2	10.4	10.8
21	6.6	5.6	5.9	9.6	8.9	9.2	11.8	11.6	11.7	---	---	---
22	6.6	5.5	6.0	9.9	9.5	9.6	11.9	11.5	11.7	11.4	10.4	10.9
23	6.9	6.3	6.5	9.8	9.6	9.7	12.2	11.7	12.0	11.5	10.5	11.0
24	6.7	6.1	6.4	9.9	9.7	9.8	12.4	12.0	12.1	11.4	10.8	11.0
25	7.0	6.3	6.7	10.2	9.7	10.0	12.7	12.3	12.5	11.8	10.9	11.3
26	7.3	6.9	7.0	10.2	9.7	9.9	12.9	12.4	12.6	12.3	11.3	11.6
27	7.7	7.0	7.3	10.0	9.8	9.9	12.5	12.3	12.4	12.1	11.6	11.8
28	---	---	---	9.9	9.6	9.7	12.9	12.4	12.6	12.1	11.3	11.7
29	7.3	7.0	7.2	10.0	9.6	9.8	13.1	12.8	12.9	12.0	11.5	11.7
30	7.2	6.9	7.1	10.1	9.8	10.0	13.0	12.7	12.9	12.3	11.7	11.9
31	7.3	7.0	7.2	---	---	---	13.4	12.7	12.9	12.2	11.2	11.7
MONTH	---	---	---	10.2	7.1	8.5	13.4	9.9	11.6	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12.0	11.2	11.6	9.5	8.9	9.2	10.0	9.7	9.8	7.5	7.0	7.2
2	11.9	11.5	11.7	9.5	9.1	9.2	9.9	9.3	9.5	7.4	6.9	7.1
3	11.8	11.2	11.5	9.4	9.0	9.2	9.6	9.3	9.4	7.3	6.7	6.9
4	11.8	11.1	11.4	9.5	8.3	8.8	9.9	9.4	9.5	7.2	6.5	6.8
5	11.5	10.7	11.1	8.8	8.3	8.5	9.9	9.1	9.4	7.1	6.6	6.8
6	11.3	10.7	10.9	9.3	8.6	8.8	9.6	9.2	9.4	7.9	6.5	7.1
7	11.2	10.5	10.8	9.5	8.7	9.2	9.5	8.9	9.1	7.4	6.8	6.9
8	---	---	---	9.5	9.1	9.3	---	---	---	7.1	6.3	6.8
9	---	---	---	9.5	9.3	9.4	8.1	7.6	7.8	7.1	6.3	6.6
10	---	---	---	9.6	9.3	9.4	7.6	7.0	7.2	6.8	6.3	6.5
11	---	---	---	9.6	9.3	9.4	7.1	6.5	6.8	6.8	6.1	6.4
12	---	---	---	9.7	9.3	9.4	6.7	6.4	6.6	6.9	6.4	6.7
13	---	---	---	10.1	9.6	9.8	6.6	6.2	6.4	6.7	5.9	6.3
14	10.3	9.7	9.9	9.8	9.5	9.7	6.4	6.1	6.3	7.0	5.9	6.4
15	9.9	9.2	9.5	9.7	9.0	9.4	6.6	6.2	6.4	6.6	5.7	6.2
16	9.6	9.1	9.3	9.2	8.8	9.1	6.5	6.1	6.3	6.4	5.6	6.0
17	9.6	9.0	9.3	9.0	8.7	8.9	6.5	6.0	6.3	6.5	5.6	6.0
18	9.7	9.1	9.3	9.4	8.6	8.9	6.4	6.1	6.2	5.9	5.3	5.6
19	10.0	9.5	9.7	9.8	9.0	9.2	6.8	6.3	6.6	5.7	5.2	5.4
20	10.0	9.5	9.7	9.9	9.1	9.5	7.1	6.8	7.0	5.7	4.9	5.4
21	9.8	9.0	9.3	---	---	---	7.2	7.0	7.1	6.1	5.3	5.7
22	9.8	9.0	9.4	9.4	9.2	9.3	7.1	6.8	6.9	6.2	5.5	5.9
23	9.3	8.9	9.1	9.5	9.2	9.4	7.0	6.7	6.9	5.9	5.0	5.5
24	9.4	8.9	9.1	9.4	9.1	9.2	6.9	6.6	6.7	6.1	5.5	5.8
25	9.5	9.2	9.3	9.6	9.2	9.4	6.8	6.2	6.6	5.8	4.8	5.3
26	9.4	8.9	9.1	9.4	9.0	9.2	7.0	6.4	6.7	5.9	5.3	5.6
27	9.2	8.8	9.0	9.6	9.4	9.5	6.7	6.1	6.4	5.8	5.1	5.6
28	9.3	9.0	9.2	10.0	9.6	9.8	6.8	6.0	6.3	5.9	5.2	5.7
29	---	---	---	10.1	9.7	9.9	7.3	6.4	6.8	5.6	5.1	5.4
30	---	---	---	10.1	9.7	9.9	7.3	6.9	7.1	5.7	5.0	5.3
31	---	---	---	10.0	9.6	9.8	---	---	---	6.0	5.0	5.6
MONTH	---	---	---	---	---	---	---	---	---	7.9	4.8	6.1

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

OXYGEN DISSOLVED (MG/L), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	6.7	5.9	6.2	4.6	4.2	4.4	6.2	5.4	5.7	3.5	2.2	2.8
2	7.0	6.6	6.8	4.8	4.1	4.5	6.2	5.3	5.7	3.3	2.6	2.9
3	7.0	6.8	6.9	5.4	3.7	4.4	5.8	5.1	5.5	3.2	2.3	2.8
4	7.2	6.8	7.0	5.5	4.4	4.8	5.6	5.0	5.3	3.0	2.3	2.7
5	7.1	6.6	6.9	5.5	4.9	5.3	5.7	5.1	5.3	2.9	2.0	2.5
6	7.3	6.6	6.8	5.5	4.8	5.1	5.6	4.9	5.2	2.8	1.7	2.2
7	6.9	6.6	6.7	5.4	4.8	5.0	5.6	5.0	5.3	2.4	1.4	2.0
8	7.0	6.5	6.7	6.0	5.1	5.4	5.4	4.8	5.2	2.5	1.6	2.1
9	6.7	5.9	6.3	6.0	4.6	5.0	5.2	4.8	5.0	3.3	2.2	2.8
10	5.9	5.5	5.6	5.1	4.5	4.8	5.2	4.8	5.0	3.3	2.3	2.7
11	5.8	5.4	5.7	5.1	4.5	4.8	---	---	---	3.8	2.2	2.9
12	5.9	5.6	5.8	5.3	4.6	4.9	---	---	---	3.9	3.0	3.3
13	5.9	5.6	5.8	5.2	4.7	4.9	---	---	---	4.6	3.5	3.8
14	6.1	5.7	5.8	5.3	4.7	4.9	---	---	---	5.1	3.9	4.5
15	6.1	5.8	6.0	5.2	4.9	5.1	4.4	2.3	4.1	5.5	4.9	5.1
16	5.9	5.2	5.5	5.3	4.9	5.1	4.6	3.6	4.0	5.7	4.8	5.2
17	5.4	4.8	5.1	5.6	4.9	5.2	4.6	2.8	3.4	4.8	3.8	4.3
18	4.8	4.3	4.6	5.7	4.8	5.3	3.4	2.3	2.7	4.3	3.7	4.0
19	4.3	3.8	4.0	5.4	4.7	5.1	2.8	2.0	2.4	5.8	3.4	4.5
20	3.9	3.8	3.8	6.0	5.0	5.3	3.6	1.8	2.3	5.9	5.0	5.4
21	3.8	3.6	3.7	6.0	5.0	5.4	4.0	2.1	3.3	5.3	4.8	5.2
22	3.7	3.5	3.6	5.8	4.9	5.3	4.2	3.3	3.8	5.8	4.8	5.6
23	4.2	3.5	3.7	5.1	4.4	4.8	3.8	3.1	3.5	5.8	5.1	5.5
24	3.8	3.5	3.6	5.7	4.7	5.3	4.1	2.4	3.4	5.8	3.8	5.1
25	3.8	3.6	3.7	6.0	5.1	5.6	4.0	3.2	3.5	5.3	3.4	4.1
26	3.9	3.4	3.6	6.1	5.6	5.9	3.7	3.1	3.3	5.9	5.2	5.6
27	3.8	3.3	3.5	7.6	5.9	6.4	3.9	2.9	3.3	5.8	5.5	5.6
28	3.9	3.6	3.7	6.9	6.3	6.5	3.8	2.6	3.3	6.2	5.5	5.8
29	4.2	3.7	3.9	6.7	6.2	6.4	3.8	3.2	3.6	6.5	5.6	6.0
30	4.5	4.0	4.2	6.7	6.0	6.3	3.9	3.1	3.5	6.6	6.0	6.2
31	---	---	---	6.3	5.5	5.9	3.5	2.5	2.8	---	---	---
MONTH	7.3	3.3	5.2	7.6	3.7	5.3	---	---	---	6.6	1.4	4.1

OXYGEN DISSOLVED (% OF SATURATION), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

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

ROANOKE RIVER BASIN

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

OXYGEN DISSOLVED (% OF SATURATION), TOP, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	91	88	90	80	72	75	86	82	84	81	71	75
2	92	89	90	78	73	75	86	80	82	84	74	78
3	91	86	88	77	72	74	82	79	80	81	75	77
4	90	85	88	75	67	71	83	79	81	83	73	77
5	89	86	87	69	67	68	83	78	80	82	72	77
6	89	85	87	73	67	70	84	76	79	85	74	79
7	90	83	86	74	67	71	79	75	77	81	74	77
8	---	---	---	75	71	72	---	---	---	83	73	77
9	---	---	---	76	72	74	68	64	66	79	70	75
10	---	---	---	76	72	74	66	59	61	85	71	74
11	---	---	---	77	71	73	59	51	55	80	71	74
12	---	---	---	78	71	74	56	50	53	80	72	75
13	---	---	---	84	74	79	55	51	53	80	70	74
14	84	81	83	82	77	80	54	50	52	78	68	73
15	84	79	81	80	72	76	57	51	54	77	65	70
16	86	79	82	76	72	74	55	50	53	71	62	66
17	84	81	82	76	71	73	56	50	52	66	60	63
18	82	78	80	76	70	73	51	48	49	66	57	60
19	87	79	81	79	73	76	60	51	56	64	57	60
20	87	80	83	80	74	76	64	58	61	70	61	65
21	82	80	81	---	---	---	67	61	64	68	61	65
22	86	78	82	77	74	76	70	63	65	68	64	66
23	80	72	76	80	76	78	70	64	67	67	61	64
24	78	71	73	81	75	77	71	65	68	74	59	64
25	76	73	75	82	76	79	69	65	67	70	58	62
26	77	73	74	80	75	78	72	65	68	64	59	61
27	77	71	73	84	79	81	70	64	67	65	58	62
28	76	73	75	86	80	82	72	65	68	63	58	61
29	---	---	---	85	82	83	74	66	70	60	57	58
30	---	---	---	87	82	85	75	69	71	65	58	60
31	---	---	---	87	83	85	---	---	---	72	60	67
MONTH	---	---	---	---	---	---	---	---	---	85	57	69
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	73	68	70	82	70	75	84	68	74	58	48	53
2	80	71	74	83	72	76	82	69	73	62	44	51
3	86	78	82	77	66	72	85	68	73	60	50	53
4	87	81	84	83	67	73	81	67	73	60	46	51
5	89	80	83	89	74	79	87	67	73	55	45	48
6	85	78	81	95	73	78	99	68	74	60	43	48
7	82	79	80	91	69	75	82	71	76	59	43	48
8	83	78	80	81	71	75	79	72	75	67	46	51
9	79	70	75	81	70	74	79	72	76	67	49	57
10	70	65	68	104	74	80	77	70	74	73	50	56
11	73	67	70	79	70	75	---	---	---	65	50	57
12	77	71	74	82	69	75	---	---	---	74	57	63
13	82	74	77	79	72	74	---	---	---	66	55	60
14	85	74	78	79	72	75	---	---	---	71	60	64
15	82	74	78	81	73	76	77	65	68	75	68	70
16	74	67	69	87	75	77	72	59	65	81	66	72
17	67	60	64	92	73	80	86	57	69	73	62	67
18	61	55	58	81	62	74	62	45	52	75	56	66
19	55	47	49	70	52	61	55	46	50	80	65	72
20	49	47	48	83	54	65	55	47	50	74	62	65
21	49	47	48	87	52	64	58	42	48	84	61	66
22	50	47	48	88	52	64	57	46	51	77	63	69
23	60	47	51	87	54	68	60	47	51	83	60	71
24	54	47	50	80	44	61	55	42	49	76	65	70
25	59	51	53	78	50	68	60	46	51	79	63	67
26	62	51	54	79	51	68	61	44	52	78	63	70
27	57	51	53	81	48	72	62	46	54	76	66	71
28	61	54	58	78	72	74	66	50	56	80	69	73
29	68	60	63	74	69	71	59	49	54	79	68	74
30	84	66	72	76	69	72	60	43	49	81	69	74
31	---	---	---	85	68	73	63	45	54	---	---	---
MONTH	89	47	66	104	44	72	---	---	---	84	43	63

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

OXYGEN DISSOLVED (% OF SATURATION), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	72	61	69	77	73	75	91	88	89	102	99	100
2	70	62	66	78	74	76	92	89	91	100	98	99
3	65	61	63	79	75	76	93	90	92	100	97	99
4	61	54	58	79	74	77	92	89	90	102	99	100
5	62	56	59	82	78	80	91	87	89	104	101	103
6	63	56	60	80	77	79	90	88	89	105	102	103
7	67	56	63	79	75	78	89	87	88	106	103	104
8	72	61	68	79	74	76	92	87	90	105	103	104
9	71	60	65	78	74	76	93	90	92	104	102	103
10	66	61	64	81	77	78	97	92	94	103	99	101
11	68	58	62	83	76	80	98	96	97	102	98	99
12	67	57	60	82	79	81	99	96	97	102	95	98
13	68	64	66	80	77	79	99	95	97	---	---	---
14	69	66	68	79	77	78	99	95	98	101	97	98
15	70	66	68	80	75	77	100	97	98	101	94	97
16	73	68	71	81	77	79	100	98	99	100	94	97
17	72	67	70	82	78	79	104	99	102	100	92	95
18	74	68	71	82	78	80	103	99	101	96	91	93
19	74	68	70	---	---	---	102	98	100	97	90	93
20	73	66	70	84	81	82	101	97	99	94	88	91
21	71	61	64	87	83	85	100	96	98	---	---	---
22	72	60	66	88	85	86	99	96	98	95	88	91
23	75	68	71	87	85	86	99	96	98	95	88	92
24	72	65	68	87	86	87	99	96	97	94	89	91
25	76	68	72	90	86	88	100	97	99	97	90	93
26	79	74	75	90	87	89	100	97	98	101	91	94
27	83	75	79	90	88	89	98	96	97	98	94	96
28	---	---	---	90	86	88	102	97	99	99	91	95
29	78	74	76	90	87	88	102	99	100	96	92	93
30	76	73	74	91	87	90	101	98	100	100	94	97
31	76	73	75	---	---	---	102	97	99	100	94	97
MONTH	---	---	---	---	---	---	104	87	96	---	---	---

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

ROANOKE RIVER BASIN

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

OXYGEN DISSOLVED (% OF SATURATION), BOTTOM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	78	69	73	59	53	56	76	67	70	45	27	35
2	83	77	80	61	52	56	76	66	70	42	33	37
3	84	81	82	68	47	56	72	62	68	41	30	36
4	86	81	83	70	56	60	70	63	65	38	29	34
5	85	79	82	70	63	67	71	63	66	37	25	31
6	87	79	81	70	61	65	70	61	65	35	22	28
7	83	79	81	69	61	63	71	64	67	31	17	26
8	85	78	81	76	65	68	70	62	67	31	20	27
9	80	70	76	76	58	63	68	62	66	42	29	35
10	70	65	66	65	57	62	68	62	65	42	29	34
11	71	66	68	66	59	62	---	---	---	48	28	37
12	72	67	70	68	59	64	---	---	---	49	38	42
13	72	67	70	67	60	62	---	---	---	57	45	48
14	74	69	71	67	58	61	---	---	---	64	49	56
15	74	70	72	66	61	64	58	30	53	67	60	62
16	70	63	65	66	61	64	60	46	52	68	58	62
17	64	57	60	71	61	65	59	35	45	58	45	51
18	57	52	54	71	61	67	44	29	34	51	44	48
19	52	45	47	68	59	64	35	25	30	71	41	54
20	46	45	45	75	62	66	47	22	29	72	61	65
21	46	43	44	75	62	67	52	27	42	65	58	62
22	45	43	44	72	61	66	55	42	49	70	58	68
23	51	42	45	64	55	61	49	40	45	71	62	67
24	47	42	44	73	59	68	53	30	44	71	45	61
25	47	43	45	78	65	72	52	40	44	64	41	49
26	47	41	44	78	72	76	47	39	42	71	63	67
27	46	41	43	95	76	81	50	36	42	69	65	66
28	48	44	46	86	79	82	48	33	41	74	65	69
29	54	46	49	84	77	80	47	40	44	75	66	70
30	58	50	54	83	74	78	49	39	43	75	68	71
31	---	---	---	77	68	72	45	31	35	---	---	---
MONTH	87	41	62	95	47	66	---	---	---	75	17	50