02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1974 to current year.

PERIOD OF DAILY RECORDS.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 249 microsiemens, Oct. 15, 1996; minimum, 30 microsiemens, Mar. 30, 1980, and Aug. 21, 1986.

pH: Maximum, 8.3 units, Jul. 24, 1977; minimum, 5.0 units, Jul. 13, 1987.
WATER TEMPERATURE: Maximum, 32.5°C, Aug. 25, 1975, Jul. 25, 1976, Jul. 11, 16, 1977, and many days in Jul. 1986; minimum,

DISSOLVED OXYGEN: Maximum, 14.3 mg/L, many days in Jan. 1988; minimum, 2.6 mg/L, Aug. 12, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 181 microsiemens, Sep. 5; minimum, 52 microsiemens, Mar. 22.

pH: Maximum, 7.7 units, July 16; minimum 6.4 units, Mar. 22.

WATER TEMPERATURE: Maximum, 31.0°C, Aug. 9, 10, 18; minimum, 3.5°C, Jan. 25, 26, Feb. 1.

DISSOLVED OXYGEN: Maximum, 13.1 mg/L, Feb. 1; minimum, 4.2 mg/L, July 20.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	171	150	159	132	127	130	132	127	130	126	122	124
2	169	151	156	139	124	128	129	122	126	124	118	121
3	169	141	155	149	127	135	130	112	121	123	112	118
4	153	141	147	139	131	134	131	127	129	122	109	116
5	150	140	146	140	134	137	129	123	127	117	108	111
6	148	133	139	138	132	135	123	121	122	121	108	115
7	142	129	136	135	129	132	131	123	129	121	112	119
8	133	126	129	134	128	130	133	130	131	118	112	116
9	129	125	127	130	124	127	132	130	131	115	109	113
10	129	125	127	128	124	126	132	130	131	115	110	112
11	133	125	127	127	125	126	135	131	133	120	111	116
12	129	89	115	127	125	126	134	132	133	115	94	103
13	120	79	99	128	126	127	140	132	135	94	86	91
14	124	81	97	133	126	128	138	132	135	119	86	100
15	124	95	114	133	129	131	136	133	134	119	103	108
16	120	113	116	130	128	129	136	133	134	109	96	103
17	119	112	116	131	129	130	135	132	134	115	93	102
18	120	114	117	135	130	133	134	131	133	118	107	114
19	120	116	118	140	132	134	132	123	129	119	115	117
20	122	118	120	141	132	138	126	118	123	120	108	114
21	123	120	121	140	132	134	127	116	125	118	108	115
22	124	120	122	141	135	137	127	123	126	119	116	118
23	124	121	122	138	134	136	124	118	120	119	115	117
24	129	123	127	144	138	140	128	120	125	119	115	117
25	132	122	126	141	138	139	126	122	124	116	85	103
26	130	122	126	149	141	144	123	118	121	111	83	98
27	130	124	126	158	149	154	125	119	122	113	93	102
28	132	125	127	153	150	151	129	120	126	---	---	---
29	130	125	127	152	134	146	129	124	127	---	---	---
30	130	125	128	135	127	132	127	124	126	---	---	---
31	131	126	128	---	---	---	127	125	126	---	---	---
MONTH	171	79	127	158	124	134	140	112	128	126	83	111

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	110	88	98	110	106	108	100	92	97	93	88	90
2	112	88	100	109	105	107	97	94	96	95	89	93
3	111	96	104	109	106	108	98	94	96	94	90	92
4	109	101	107	108	106	107	100	97	99	96	89	92
5	111	102	106	109	107	108	102	98	100	95	90	93
6	112	106	110	110	108	109	100	96	98	96	90	93
7	110	104	108	111	106	109	99	87	94	95	92	93
8	111	105	109	109	102	106	100	86	95	97	93	94
9	113	110	111	109	99	104	100	93	97	---	---	---
10	113	110	111	107	103	104	99	93	97	---	---	---
11	111	109	110	107	105	106	98	96	97	---	---	---
12	110	107	109	109	105	107	100	95	97	98	92	94
13	121	107	112	113	107	110	98	95	97	99	92	94
14	116	108	113	110	107	109	100	98	98	101	93	96
15	111	80	94	111	108	110	103	98	100	---	---	---
16	108	77	86	113	107	109	104	98	100	---	---	---
17	105	77	92	110	107	108	101	89	97	---	---	---
18	109	90	102	111	107	109	94	80	88	103	95	98
19	110	87	101	111	91	103	96	74	85	106	96	99
20	95	90	91	106	91	101	97	76	88	104	96	98
21	108	93	103	104	67	80	95	77	89	105	96	99
22	103	95	97	79	52	58	98	84	91	107	98	101
23	99	96	97	88	55	62	96	89	92	107	98	100
24	99	96	98	92	60	79	94	91	92	---	---	---
25	101	98	99	94	69	83	95	91	93	---	---	---
26	107	99	104	95	76	89	97	93	95	105	97	100
27	107	105	106	98	82	91	96	91	93	107	99	101
28	109	102	106	98	88	95	94	89	92	108	96	101
29	112	107	108	99	88	95	95	86	91	109	101	105
30	---	---	---	99	93	97	94	87	90	---	---	---
31	---	---	---	99	93	96	---	---	---	---	---	---
MONTH	121	77	103	113	52	99	104	74	94	109	88	96

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	121	110	112	135	123	128	155	134	140
2	107	100	103	121	110	114	139	124	128	156	134	142
3	105	99	102	125	109	113	133	124	128	161	137	145
4	103	100	102	125	109	113	138	125	129	157	136	143
5	106	102	104	125	111	116	148	123	128	181	134	156
6	107	101	104	130	112	121	139	126	129	170	132	145
7	119	100	106	124	118	121	136	124	127	159	133	140
8	114	105	108	132	118	123	134	124	127	147	135	139
9	117	103	107	125	117	120	131	123	126	141	134	137
10	109	103	105	134	121	124	129	122	124	141	134	136
11	110	103	105	133	120	123	128	123	125	138	133	135
12	112	103	105	129	120	124	130	123	126	141	133	136
13	113	103	105	125	118	120	137	123	127	143	134	136
14	110	102	105	131	118	121	136	124	131	142	132	136
15	107	103	104	133	120	124	138	129	132	143	132	136
16	112	103	106	127	119	122	134	127	130	139	132	135
17	114	104	107	133	123	127	140	127	131	138	132	133
18	---	---	---	130	120	125	136	127	131	141	132	136
19	---	---	---	128	118	121	137	125	129	140	132	136
20	---	---	---	131	118	121	132	128	130	153	134	139
21	---	---	---	132	123	128	144	129	134	145	136	142
22	---	---	---	134	128	132	151	138	144	149	135	139
23	---	---	---	128	122	125	152	135	141	---	---	---
24	---	---	---	133	116	122	144	131	136	---	---	---
25	---	---	---	133	120	124	143	133	138	---	---	---
26	---	---	---	143	120	126	147	132	138	126	122	123
27	118	105	109	155	124	132	143	131	137	129	124	126
28	119	106	109	142	130	134	151	134	138	128	122	125
29	115	107	110	140	128	134	145	135	138	125	120	123
30	121	108	113	143	133	139	146	138	142	124	119	121
31	---	---	---	135	128	131	158	135	140	---	---	---
MONTH	121	99	106	155	109	124	158	122	132	181	119	136
YEAR	181	52	117									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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

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

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	25.0	22.5	23.5	20.5	19.0	20.0	15.5	14.5	15.0	10.5	9.5	9.5
2	24.0	23.0	23.5	20.5	19.0	20.0	14.5	12.0	14.0	10.0	9.0	9.5
3	25.0	23.0	24.0	19.5	17.0	18.0	14.5	9.5	12.0	12.0	9.0	10.5
4	24.5	23.5	24.0	18.5	17.0	17.5	16.0	14.0	14.5	12.5	9.0	11.0
5	23.5	22.5	23.0	18.0	16.5	17.5	14.5	13.0	14.0	11.0	10.0	10.5
6	24.0	22.0	23.0	18.0	16.5	17.5	13.5	11.5	13.0	12.0	9.5	11.0
7	23.5	21.0	22.5	18.5	17.5	18.0	14.5	11.5	13.0	12.0	10.5	12.0
8	24.0	22.0	23.0	19.0	17.5	18.0	14.5	13.5	14.0	11.5	10.0	11.0
9	24.0	23.5	24.0	19.0	16.5	18.0	14.0	13.5	14.0	11.0	9.5	10.5
10	24.0	22.5	23.5	19.0	17.5	18.5	14.5	13.5	14.0	10.5	9.5	10.0
11	24.5	22.5	23.5	18.5	17.5	18.0	13.5	11.0	12.0	12.0	9.5	10.5
12	24.5	20.0	22.5	18.5	18.0	18.0	14.0	12.0	13.0	10.5	9.0	9.5
13	23.5	20.0	21.5	18.5	18.0	18.0	14.0	10.0	12.0	10.0	9.0	9.5
14	23.5	19.5	21.5	18.5	17.0	18.0	14.5	11.0	13.0	12.0	9.0	10.5
15	23.5	20.5	22.0	18.0	17.0	17.5	14.0	13.0	13.5	12.0	10.0	10.5
16	23.0	21.5	22.0	18.0	17.5	17.5	14.0	12.5	13.5	11.0	9.0	9.5
17	22.5	21.5	22.0	17.5	16.5	17.0	14.0	13.0	13.5	11.0	7.0	9.0
18	22.5	21.5	22.0	16.5	15.5	16.0	13.5	12.5	13.0	11.0	8.5	10.0
19	22.5	20.5	22.0	16.0	14.5	15.5	13.0	9.5	11.5	11.0	9.5	10.5
20	22.0	20.5	21.5	17.0	14.5	15.0	12.0	9.0	10.5	11.0	7.5	10.0
21	21.0	20.0	20.5	17.0	15.0	16.0	13.5	10.0	12.5	10.0	7.5	9.0
22	21.5	19.5	20.5	16.5	14.5	16.0	13.5	12.0	13.0	10.0	8.5	9.0
23	20.5	19.0	20.0	17.5	16.5	17.0	12.0	9.0	10.0	9.5	4.5	7.5
24	19.0	17.5	18.0	17.0	16.0	16.5	13.0	9.5	11.5	10.0	4.5	7.0
25	21.0	17.0	19.0	17.5	16.5	17.0	11.0	7.5	9.0	8.5	3.5	5.5
26	20.5	18.0	19.5	17.0	16.0	17.0	10.0	7.5	8.0	8.5	3.5	6.0
27	20.0	18.5	19.5	16.0	15.0	15.5	11.0	6.5	8.5	8.5	4.0	6.5
28	20.0	17.5	19.0	15.5	15.0	15.5	12.0	6.0	10.0	---	---	---
29	20.0	18.0	19.5	16.0	14.0	15.0	11.5	9.0	10.0	---	---	---
30	20.0	18.5	19.0	15.5	14.0	15.0	10.5	9.5	10.0	---	---	---
31	20.0	19.0	19.5	---	---	---	10.5	10.0	10.5	---	---	---
MONTH	25.0	17.0	21.6	20.5	14.0	17.1	16.0	6.0	12.1	12.5	3.5	9.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.5	3.5	5.0	14.0	11.0	12.5	17.0	15.5	16.0	19.5	17.5	18.5
2	8.0	4.0	6.0	14.0	12.0	13.0	17.0	16.0	16.5	20.0	17.5	18.5
3	8.0	5.0	6.5	13.5	12.5	13.0	18.0	15.0	17.0	20.5	18.0	19.0
4	8.0	5.5	7.0	12.5	12.0	12.5	18.5	14.5	16.0	21.5	19.0	20.0
5	8.0	4.5	6.5	14.0	12.0	13.0	16.5	13.5	15.5	21.5	19.0	20.0
6	7.5	7.0	7.5	13.5	12.5	13.0	17.0	15.5	16.5	23.0	20.0	21.0
7	8.0	5.5	7.0	14.0	12.0	13.0	18.0	15.5	16.5	23.0	20.0	21.5
8	8.0	6.0	7.5	15.0	12.0	13.0	17.5	15.5	16.0	24.0	19.5	21.5
9	8.5	7.5	8.0	16.0	12.0	14.0	16.0	14.5	15.5	23.5	20.0	21.0
10	10.0	8.0	8.5	15.5	13.5	14.0	17.5	15.0	16.0	---	---	---
11	10.0	8.5	9.5	15.5	14.0	14.5	17.5	16.0	16.5	---	---	---
12	10.0	8.5	9.0	14.5	13.0	13.5	18.5	16.0	17.0	25.0	21.0	22.5
13	9.0	8.5	8.5	15.0	14.0	14.5	18.0	15.5	16.5	25.5	21.5	22.5
14	9.5	8.5	9.0	14.5	13.5	14.0	16.0	15.5	15.5	25.0	21.5	23.0
15	9.5	8.5	8.5	14.5	13.0	13.5	16.0	14.5	15.5	---	---	---
16	9.5	8.5	9.0	14.5	13.5	14.0	16.0	15.0	16.0	---	---	---
17	10.0	8.5	9.5	15.0	13.5	14.5	16.5	15.0	15.5	---	---	---
18	10.5	10.0	10.0	14.5	13.0	13.5	17.0	15.5	16.5	24.0	22.0	22.5
19	11.5	9.5	10.5	14.0	13.5	14.0	19.0	16.5	17.5	25.0	22.5	23.0
20	11.0	10.0	10.5	15.0	13.5	14.0	19.5	16.5	18.0	25.5	22.5	23.5
21	11.0	9.5	10.0	14.0	13.5	13.5	20.0	16.5	17.5	25.0	22.5	23.5
22	11.0	10.0	10.5	14.0	12.5	13.0	19.5	15.5	17.5	25.5	23.5	24.5
23	10.5	9.5	10.0	15.0	13.5	14.0	19.0	17.0	18.0	25.0	22.5	23.5
24	11.5	9.5	10.5	15.0	14.0	14.5	19.0	18.0	18.5	---	---	---
25	13.0	10.5	11.5	17.0	14.0	15.0	18.5	17.0	17.5	---	---	---
26	12.5	11.0	12.0	17.0	14.0	15.0	18.5	17.0	17.5	26.0	24.0	24.5
27	13.5	11.5	12.5	16.5	15.0	15.5	19.0	17.0	17.5	27.0	24.5	25.5
28	14.0	13.0	13.0	15.5	13.5	14.5	18.0	17.0	17.5	26.0	24.5	25.0
29	13.5	12.0	12.5	15.5	14.0	14.5	17.5	16.5	17.0	25.5	24.0	24.5
30	---	---	---	16.0	14.5	15.0	20.5	17.5	18.0	---	---	---
31	---	---	---	17.0	15.0	16.0	---	---	---	---	---	---
MONTH	14.0	3.5	9.2	17.0	11.0	13.9	20.5	13.5	16.8	27.0	17.5	22.2

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	28.5	27.5	28.0	29.5	28.5	28.5	28.5	27.5	28.0
2	27.5	24.5	25.5	28.5	27.5	28.0	28.5	28.0	28.5	28.5	28.0	28.0
3	27.0	25.0	26.0	28.5	27.5	28.0	28.5	28.0	28.5	28.5	28.0	28.0
4	26.5	26.0	26.5	29.0	27.0	28.0	28.5	28.0	28.5	28.5	28.0	28.0
5	26.5	26.0	26.0	29.0	27.5	28.0	29.0	28.0	28.5	28.0	26.0	27.0
6	26.5	24.5	26.0	29.5	28.0	28.5	29.5	28.5	29.0	26.5	24.0	25.5
7	26.0	24.0	25.0	29.0	28.0	28.5	30.5	28.5	29.5	26.0	24.5	25.5
8	26.5	24.5	25.5	29.5	28.0	28.5	30.5	29.0	29.5	26.5	25.0	25.5
9	26.5	25.0	25.5	30.0	28.0	29.0	31.0	29.0	30.0	27.0	26.0	26.5
10	26.5	25.0	26.0	29.5	28.0	28.5	31.0	29.5	30.0	27.5	26.0	27.0
11	27.0	25.5	26.0	29.5	28.0	28.5	30.5	29.5	30.0	27.5	26.5	27.0
12	27.5	25.5	26.0	29.5	28.5	29.0	30.5	29.0	30.0	27.5	27.0	27.5
13	27.5	25.5	26.0	29.5	28.5	29.0	30.0	29.0	29.5	28.0	27.0	27.5
14	27.5	25.5	26.5	30.0	28.5	29.0	30.0	29.0	29.5	28.0	27.0	27.5
15	27.5	26.0	26.5	30.0	28.5	29.5	30.0	29.0	29.5	28.0	27.0	27.5
16	28.0	26.0	27.0	30.5	29.0	30.0	30.5	29.0	29.5	27.0	26.0	26.5
17	28.0	26.5	27.0	30.5	29.0	29.5	30.0	29.0	29.5	26.0	24.5	25.0
18	---	---	---	30.5	29.0	29.5	31.0	29.5	30.0	24.5	23.0	24.0
19	---	---	---	30.0	28.5	29.0	30.0	29.5	29.5	25.0	23.5	24.5
20	---	---	---	30.0	28.5	29.5	29.5	29.0	29.5	26.0	24.5	25.0
21	---	---	---	30.0	29.5	29.5	29.0	28.0	28.5	25.5	25.0	25.5
22	---	---	---	30.0	29.0	29.5	29.0	27.0	28.0	25.5	24.5	25.0
23	---	---	---	29.5	28.5	29.0	29.0	27.5	28.0	---	---	---
24	---	---	---	28.5	28.0	28.0	29.0	28.0	28.5	---	---	---
25	---	---	---	28.0	26.5	27.5	29.5	28.5	29.0	---	---	---
26	---	---	---	28.0	26.0	26.5	29.0	28.5	29.0	25.5	24.0	25.0
27	28.5	27.0	27.5	29.0	27.0	28.0	29.0	28.5	28.5	24.5	23.0	23.5
28	28.5	27.0	27.5	29.0	28.0	28.5	29.0	28.0	28.5	24.0	23.0	23.5
29	27.5	27.0	27.0	29.0	28.0	28.5	28.5	28.0	28.0	23.5	22.5	23.0
30	28.0	26.5	27.5	29.5	28.5	29.0	28.0	27.5	27.5	22.5	21.5	22.0
31	---	---	---	29.0	28.5	29.0	28.0	27.0	27.5	---	---	---
MONTH	28.5	24.0	26.3	30.5	26.0	28.7	31.0	27.0	29.0	28.5	21.5	25.9
YEAR	31.0	3.5	19.2									

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.3	5.9	6.5	7.7	7.2	7.4	9.0	7.7	8.4	---	---	---
2	7.1	6.3	6.7	7.3	6.9	7.0	9.2	8.4	8.9	---	---	---
3	7.4	6.5	6.9	---	---	---	9.8	8.7	9.4	11.2	9.7	10.2
4	7.1	6.0	6.6	8.4	7.3	7.6	9.3	8.9	9.1	11.0	9.3	10.2
5	6.7	6.0	6.3	8.5	7.9	8.2	9.1	8.8	9.0	10.8	9.7	10.2
6	7.1	6.1	6.6	8.6	7.8	8.1	9.3	8.6	8.9	10.2	9.3	9.8
7	7.1	6.2	6.7	8.9	8.2	8.5	9.1	8.2	8.6	10.7	9.2	10.1
8	6.9	6.2	6.5	8.7	8.0	8.4	---	---	---	9.3	8.7	9.0
9	7.2	6.4	6.8	8.7	7.9	8.2	---	---	---	9.6	8.7	9.1
10	7.3	6.1	6.7	8.4	7.4	7.9	8.6	8.0	8.3	9.9	9.3	9.6
11	6.7	6.0	6.3	8.7	7.3	8.0	---	---	---	9.7	8.7	9.2
12	7.2	6.0	6.6	8.2	7.2	7.6	---	---	---	9.4	9.0	9.2
13	6.9	6.3	6.6	7.8	7.2	7.5	9.3	8.2	8.7	9.6	9.3	9.4
14	6.4	6.0	6.3	8.5	7.1	7.5	9.0	8.1	8.6	9.7	8.9	9.3
15	8.3	6.2	7.7	8.5	7.7	8.1	8.7	8.1	8.4	9.5	8.9	9.2
16	7.7	6.7	7.1	8.0	7.2	7.7	8.9	7.9	8.5	10.0	8.9	9.6
17	7.3	6.8	7.0	---	---	---	8.8	7.8	8.4	10.5	9.3	9.9
18	8.7	6.8	7.6	7.7	7.4	7.6	8.6	8.0	8.3	9.9	9.2	9.5
19	8.7	7.4	8.5	8.2	7.1	7.7	9.3	8.4	8.8	9.9	9.2	9.5
20	9.0	7.4	8.5	9.3	7.6	8.2	9.5	8.9	9.3	10.8	9.3	10.0
21	---	---	---	8.8	8.1	8.3	---	---	---	10.5	9.5	10.2
22	---	---	---	8.3	7.7	8.0	---	---	---	10.4	9.7	10.0
23	---	---	---	8.9	8.0	8.4	---	---	---	11.5	9.9	10.4
24	---	---	---	9.5	8.1	8.9	---	---	---	11.6	9.8	10.8
25	---	---	---	9.1	7.8	8.5	---	---	---	11.7	10.3	11.1
26	---	---	---	9.1	8.0	8.6	---	---	---	12.0	10.5	11.2
27	---	---	---	9.2	8.1	8.5	---	---	---	11.7	10.4	11.1
28	---	---	---	8.6	7.3	8.0	---	---	---	---	---	---
29	---	---	---	8.5	7.5	8.2	---	---	---	---	---	---
30	7.7	6.9	7.4	8.4	7.7	8.0	---	---	---	---	---	---
31	7.8	7.1	7.4	---	---	---	---	---	---	---	---	---
MONTH	9.0	5.9	7.0	9.5	6.9	8.0	9.8	7.7	8.7	12.0	8.7	9.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.1	11.6	12.4	11.4	10.4	10.8	9.2	8.9	9.0	8.4	7.8	8.1
2	12.8	11.4	12.2	10.5	9.9	10.2	9.2	8.8	9.0	8.2	7.6	7.8
3	12.9	11.6	12.1	10.2	9.8	10.0	9.1	8.8	8.9	8.1	7.4	7.8
4	12.7	11.6	12.0	10.5	9.9	10.2	9.2	8.7	8.9	8.1	7.3	7.7
5	13.0	11.3	12.1	10.2	9.7	9.9	9.3	8.8	9.0	7.9	7.1	7.6
6	12.1	11.3	11.7	10.2	9.5	9.8	9.1	8.6	8.9	8.0	7.4	7.7
7	12.8	11.4	11.9	10.6	9.8	10.2	9.1	8.7	8.9	8.2	7.6	7.9
8	12.3	11.2	11.7	10.6	9.8	10.2	9.2	8.7	8.9	8.1	7.8	7.9
9	12.2	11.2	11.7	10.5	9.2	10.0	9.1	8.8	9.0	8.2	7.8	8.0
10	12.2	11.3	11.7	10.0	9.2	9.5	9.1	8.6	8.9	---	---	---
11	11.8	11.4	11.6	10.0	9.4	9.7	9.7	8.8	9.3	---	---	---
12	12.2	11.4	11.8	10.2	9.5	9.8	9.4	8.7	9.0	7.6	7.1	7.3
13	12.0	11.2	11.6	10.1	8.9	9.6	9.2	8.4	8.8	7.7	6.7	7.2
14	11.4	11.0	11.2	9.8	9.4	9.6	9.3	8.9	9.1	7.5	6.4	7.1
15	11.3	10.9	11.1	9.6	9.0	9.4	9.2	8.8	8.9	---	---	---
16	11.3	10.9	11.1	9.8	9.1	9.4	9.4	8.6	9.0	---	---	---
17	11.2	10.8	11.0	9.9	9.4	9.6	9.8	9.0	9.3	---	---	---
18	11.2	10.8	11.0	10.0	9.4	9.7	9.3	8.5	8.9	8.5	7.1	7.8
19	11.2	10.7	11.0	10.0	9.1	9.5	8.7	7.6	8.1	9.5	8.0	8.7
20	10.9	10.5	10.7	9.9	9.4	9.7	7.9	7.6	7.8	9.3	8.4	8.8
21	11.1	10.6	10.9	9.9	9.1	9.5	7.8	7.5	7.6	9.4	8.4	8.9
22	11.0	10.6	10.8	10.0	9.6	9.8	7.7	7.3	7.5	9.7	9.0	9.3
23	11.2	10.8	11.0	9.6	9.0	9.3	7.9	7.4	7.6	10.2	8.9	9.6
24	11.2	10.9	11.0	9.5	8.5	9.1	7.5	7.1	7.4	---	---	---
25	11.1	10.6	10.9	9.4	8.6	9.0	7.9	7.2	7.5	---	---	---
26	11.0	10.5	10.7	9.3	8.4	8.9	8.0	7.6	7.8	---	---	---
27	10.8	10.4	10.6	9.5	8.5	9.0	8.0	7.6	7.8	---	---	---
28	11.5	10.0	10.7	9.3	8.6	9.0	8.0	7.4	7.7	---	---	---
29	11.3	10.3	10.9	9.3	8.8	9.0	8.0	7.6	7.8	---	---	---
30	---	---	---	9.3	8.9	9.1	8.2	7.5	7.9	---	---	---
31	---	---	---	9.4	8.9	9.0	---	---	---	---	---	---
MONTH	13.1	10.0	11.3	11.4	8.4	9.6	9.8	7.1	8.5	10.2	6.4	8.1

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	7.5	5.6	6.2	6.3	5.3	5.8	6.9	5.6	6.2
2	7.0	6.3	6.6	7.7	5.5	6.4	6.5	5.6	6.0	6.7	6.1	6.4
3	7.1	6.2	6.6	8.6	6.0	6.9	6.5	5.6	6.0	6.4	5.5	6.1
4	7.3	6.1	6.7	7.7	5.6	6.4	6.5	5.4	6.0	6.1	5.5	5.8
5	6.7	5.6	6.3	6.8	5.5	6.0	7.1	5.3	6.0	6.6	5.2	5.8
6	7.0	5.6	6.4	6.1	5.6	5.7	7.0	6.0	6.4	7.1	6.6	6.9
7	7.8	6.6	7.0	6.1	5.2	5.6	7.0	5.3	6.0	7.0	6.3	6.7
8	8.3	6.6	7.1	6.3	5.3	5.7	6.4	5.3	5.8	6.6	6.4	6.5
9	7.1	6.4	6.7	7.5	5.2	6.0	6.3	4.9	5.7	6.6	6.0	6.4
10	7.0	6.5	6.8	7.1	5.1	5.9	6.4	5.1	5.8	6.8	6.2	6.4
11	7.2	6.5	6.8	6.1	5.2	5.7	6.6	4.9	5.8	7.1	5.9	6.6
12	7.0	6.2	6.6	6.2	5.0	5.7	7.7	5.8	6.7	7.2	6.2	6.7
13	6.6	5.8	6.2	6.8	5.8	6.1	7.5	6.1	6.7	7.4	6.4	6.8
14	7.1	5.9	6.3	7.0	5.4	6.2	7.1	6.1	6.7	6.6	6.0	6.2
15	7.4	5.9	6.4	6.7	5.0	5.9	6.6	5.6	6.1	6.4	5.2	6.0
16	7.0	6.1	6.4	8.0	5.3	6.7	7.0	5.2	6.0	7.9	6.3	7.0
17	7.0	5.8	6.5	7.2	5.5	6.3	6.2	5.1	5.5	7.3	6.9	7.1
18	---	---	---	6.4	5.0	5.7	6.2	5.2	5.6	7.4	6.9	7.1
19	---	---	---	5.8	4.8	5.4	5.9	5.1	5.4	7.5	6.5	7.0
20	---	---	---	6.0	4.2	5.1	7.1	5.6	6.1	7.0	6.5	6.6
21	---	---	---	6.2	5.2	5.7	7.1	5.8	6.3	6.6	6.0	6.3
22	---	---	---	5.7	5.1	5.3	6.4	5.7	6.0	6.3	5.8	6.0
23	---	---	---	6.3	5.1	5.6	6.2	4.4	5.6	---	---	---
24	---	---	---	6.8	5.6	6.2	6.2	4.3	5.3	---	---	---
25	---	---	---	6.5	5.4	6.1	6.5	5.3	5.8	---	---	---
26	---	---	---	6.4	5.6	6.1	6.3	5.6	5.9	6.6	6.2	6.4
27	5.9	5.2	5.5	6.4	5.5	6.0	6.3	5.5	5.9	7.4	6.6	7.1
28	5.7	4.8	5.2	6.5	5.5	5.9	6.2	5.5	5.7	7.3	6.9	7.1
29	5.3	4.5	4.9	7.3	5.4	6.1	6.9	5.4	6.1	7.4	6.7	7.0
30	6.4	4.8	5.5	6.5	5.5	6.0	7.1	5.9	6.4	7.6	6.8	7.2
31	---	---	---	6.3	5.1	5.6	6.7	5.9	6.3	---	---	---
MONTH	8.3	4.5	6.3	8.6	4.2	5.9	7.7	4.3	6.0	7.9	5.2	6.6
YEAR	13.1	4.2	8.0									