

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.

REMARKS.--Specific conductance records rated excellent except for Nov. 25 to Dec. 2, July 4-11, July 20 to Aug. 3, Aug. 24-31, which are good, Oct. 1, which are poor. pH records rated excellent except for Oct. 1, 11-13, 21-28, Dec. 3, 4, 28, 29, which are good, and Oct. 29 to Nov. 4, which are fair. Temperature records rated excellent. Dissolved oxygen records rated excellent except for June 15-22, which are good, and June 23 to July 9, which are fair.

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, less than 0.5°C, Jan. 19-21, 1977, Jan. 11, 1988, Jan. 20, 1994.

DISSOLVED OXYGEN: Maximum, 14.3 mg/L, many days in Jan. 1988; minimum, 0.6 mg/L, May 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 103 microsiemens, Sep. 23, 28; minimum, 42 microsiemens, July 9, 10.

pH: Maximum, 7.6 units, several days in January and February, Apr. 24, 27, 29, May 5-7, 13; minimum 6.3 units, Oct. 7-9, 14, 16.

WATER TEMPERATURE: Maximum, 31.2°C, Aug. 20; minimum, 5.4°C, Jan. 30.

DISSOLVED OXYGEN: Maximum, 12.9 mg/L, Dec. 23; minimum, 3.8 mg/L, Aug. 24.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	73	55	65	93	83	86	79	74	76	67	66	66
2	73	64	70	87	82	84	78	75	76	67	67	67
3	72	66	70	87	84	86	75	75	75	71	67	69
4	72	68	71	86	79	83	76	75	76	72	71	71
5	73	69	71	93	78	84	78	76	77	72	70	71
6	73	71	72	81	72	77	79	77	78	74	72	72
7	75	72	73	80	73	77	80	77	78	74	72	73
8	78	73	75	78	72	76	80	77	78	73	73	73
9	77	74	75	76	72	75	82	77	79	74	72	73
10	77	73	75	76	74	76	81	78	79	74	73	73
11	78	74	75	78	75	76	80	57	66	75	73	73
12	78	74	76	78	77	78	---	---	---	76	73	74
13	79	74	76	78	78	78	---	---	---	78	73	75
14	83	77	79	81	78	79	---	---	---	77	74	75
15	84	76	80	80	78	79	---	---	---	78	74	75
16	82	76	79	79	78	78	---	---	---	77	72	75
17	88	80	83	78	77	78	---	---	---	75	71	74
18	89	78	83	78	77	77	---	---	---	74	70	72
19	81	77	78	79	77	78	---	---	---	74	71	73
20	91	78	82	80	78	78	---	---	---	74	73	73
21	87	78	81	82	79	80	---	---	---	77	73	75
22	90	79	83	82	79	80	---	---	---	77	75	76
23	90	80	84	81	77	79	---	---	---	78	75	76
24	85	80	82	81	78	79	---	---	---	78	75	76
25	87	81	83	83	78	80	---	---	---	79	76	77
26	91	85	87	83	80	81	---	---	---	77	75	76
27	93	83	87	82	80	81	---	---	---	81	75	77
28	92	84	86	81	80	80	---	---	---	78	74	76
29	91	86	87	80	78	79	---	---	---	78	75	76
30	91	85	88	79	75	77	69	66	68	81	75	77
31	88	85	86	---	---	---	69	65	66	80	75	77
MONTH	93	55	79	93	72	79	---	---	---	81	66	74

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	80	76	78	78	71	75	72	56	64	81	76	77
2	81	78	79	78	70	74	72	61	63	82	75	77
3	85	77	80	76	70	73	69	62	65	81	75	77
4	83	77	79	75	67	73	72	65	68	80	76	77
5	87	78	84	75	71	73	74	67	69	78	76	76
6	84	80	82	76	70	73	74	71	73	77	75	76
7	84	79	81	76	74	75	74	73	74	79	76	77
8	82	78	80	78	75	76	74	74	74	82	77	78
9	81	78	80	78	76	77	75	74	74	83	77	78
10	82	78	79	78	76	77	76	74	74	81	77	78
11	83	78	80	78	77	77	75	74	74	83	77	79
12	83	78	81	77	77	77	76	73	74	84	77	79
13	83	78	80	78	77	77	74	73	74	82	78	79
14	86	78	81	80	77	78	74	72	74	81	77	78
15	84	78	81	80	78	79	74	68	73	81	78	79
16	86	78	80	82	79	80	74	68	71	82	77	79
17	87	78	82	80	77	78	74	68	71	85	77	80
18	81	78	78	78	74	76	72	67	70	85	78	80
19	81	78	79	76	73	74	73	70	72	83	78	80
20	87	81	83	77	76	76	73	73	73	81	77	79
21	88	84	86	78	77	77	74	73	74	81	78	79
22	88	79	83	79	77	77	75	74	74	82	77	79
23	84	79	80	78	77	77	76	74	74	80	78	79
24	80	78	79	80	78	79	78	74	75	80	78	79
25	79	78	78	80	78	79	77	74	75	80	78	79
26	78	77	77	79	76	77	79	74	75	80	78	79
27	78	77	78	80	76	77	80	75	76	80	78	79
28	78	77	78	77	68	76	78	75	76	81	78	79
29	---	---	---	69	52	58	78	76	76	82	78	79
30	---	---	---	67	49	52	78	75	76	84	77	79
31	---	---	---	74	51	61	---	---	---	85	79	80
MONTH	88	76	80	82	49	74	80	56	72	85	75	78

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	83	78	80	78	67	76	77	72	74	89	77	80
2	83	65	76	76	68	75	79	73	75	87	76	79
3	75	52	63	75	69	74	81	71	75	86	76	78
4	79	65	72	74	63	69	77	71	73	85	74	77
5	78	71	76	71	66	69	77	72	73	88	74	78
6	76	69	72	71	69	70	77	72	73	84	76	79
7	73	72	72	71	64	69	78	72	73	83	76	78
8	75	73	74	70	57	68	83	72	74	85	77	78
9	76	74	75	57	42	45	87	72	75	93	78	81
10	76	74	75	50	42	45	86	74	77	85	78	79
11	77	74	76	69	46	60	81	75	77	88	78	80
12	78	74	75	69	59	66	77	73	75	87	77	80
13	78	75	76	68	63	67	75	71	74	82	78	79
14	80	76	77	70	65	68	75	73	74	86	78	80
15	80	77	77	71	67	70	76	73	74	86	79	81
16	80	77	78	73	68	71	81	75	76	91	81	83
17	79	77	78	72	67	71	82	75	76	90	79	81
18	80	77	78	72	68	71	82	76	77	90	79	81
19	80	77	78	72	70	72	81	75	77	92	80	83
20	82	77	78	73	72	72	80	75	76	85	79	81
21	86	78	80	75	73	73	83	76	77	94	81	84
22	85	79	81	75	72	73	81	76	77	98	80	84
23	84	75	79	77	72	74	85	75	78	103	82	86
24	84	76	78	77	72	74	86	77	79	94	81	84
25	81	76	78	79	72	75	86	77	79	91	81	83
26	81	76	77	78	74	76	88	77	82	92	81	84
27	84	77	78	78	74	76	86	78	83	97	81	85
28	88	77	80	77	72	73	85	77	80	103	85	88
29	80	76	78	77	71	73	84	77	79	93	85	87
30	79	66	75	78	71	74	82	77	78	91	86	87
31	---	---	---	78	70	74	85	76	79	---	---	---
MONTH	88	52	76	79	42	70	88	71	76	103	74	82

## SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

pH, water, unfiltered, field, standard units  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.2	6.7	7.0	6.8	6.8	6.6	7.3	7.2	7.6	7.4	7.2	7.1
2	7.2	6.7	7.0	6.8	7.0	6.7	7.2	7.2	7.6	7.4	7.2	7.1
3	6.8	6.6	7.1	7.0	7.0	6.9	7.2	7.2	7.6	7.4	7.2	7.1
4	6.8	6.6	7.2	7.0	7.1	6.9	7.2	7.2	7.6	7.5	7.2	7.1
5	6.7	6.6	7.2	7.1	7.1	7.0	7.2	7.2	7.5	7.5	7.2	7.2
6	6.8	6.4	7.2	7.0	7.1	7.0	7.3	7.2	7.5	7.5	7.2	7.2
7	6.5	6.3	7.1	7.0	7.1	7.0	7.3	7.2	7.5	7.4	7.3	7.2
8	6.5	6.3	7.0	7.0	7.1	7.0	7.3	7.2	7.4	7.4	7.3	7.2
9	6.5	6.3	7.0	7.0	7.2	7.0	7.3	7.2	7.4	7.4	7.2	7.2
10	6.5	6.4	7.0	6.9	7.3	7.2	7.3	7.2	7.4	7.4	7.3	7.2
11	6.7	6.4	7.0	6.9	7.2	6.8	7.2	7.2	7.6	7.4	7.3	7.2
12	6.7	6.5	6.9	6.9	6.8	6.6	7.3	7.2	7.6	7.4	7.3	7.2
13	6.7	6.4	7.0	6.9	6.7	6.6	7.3	7.2	7.5	7.4	7.4	7.3
14	6.4	6.3	7.0	6.9	6.7	6.4	7.4	7.3	7.5	7.4	7.3	7.2
15	6.6	6.4	6.9	6.8	6.8	6.6	7.4	7.3	7.5	7.4	7.3	7.2
16	6.5	6.3	6.8	6.8	6.8	6.6	7.3	7.2	7.5	7.4	7.3	7.2
17	6.7	6.4	6.8	6.8	6.6	6.6	7.3	7.3	7.5	7.4	7.3	7.2
18	6.6	6.4	6.8	6.8	6.8	6.6	7.3	7.3	7.5	7.5	7.3	7.1
19	6.5	6.4	6.8	6.8	6.7	6.7	7.3	7.3	7.5	7.4	7.2	7.1
20	6.6	6.4	6.8	6.8	6.8	6.6	7.3	7.3	7.5	7.5	7.2	7.2
21	6.6	6.5	6.8	6.8	6.8	6.8	7.3	7.3	7.6	7.5	7.2	7.1
22	6.7	6.5	6.8	6.8	---	---	7.3	7.3	7.5	7.4	7.2	7.1
23	6.7	6.6	6.8	6.7	---	---	7.4	7.3	7.4	7.1	7.3	7.2
24	6.7	6.6	6.8	6.7	6.9	6.8	7.4	7.3	7.3	7.2	7.3	7.2
25	6.7	6.5	6.8	6.7	6.9	6.8	7.3	7.3	7.3	7.2	7.2	7.2
26	6.7	6.6	6.8	6.7	7.0	6.8	7.6	7.3	7.2	7.2	7.2	7.2
27	6.8	6.6	6.8	6.7	7.1	6.8	7.6	7.5	7.2	7.1	7.2	7.2
28	6.8	6.6	6.8	6.7	7.0	7.0	7.6	7.5	7.3	7.2	7.3	7.1
29	6.8	6.7	6.8	6.7	7.3	7.0	7.6	7.5	---	---	7.1	6.7
30	6.9	6.7	6.8	6.7	7.2	7.2	7.6	7.5	---	---	7.1	6.7
31	7.1	6.8	---	---	7.3	7.2	7.6	7.5	---	---	7.2	6.8
MONTH	7.2	6.3	7.2	6.7	---	---	7.6	7.2	7.6	7.1	7.4	6.7

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

SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Temperature, water, degrees Celsius  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.7	21.4	22.9	21.8	20.7	21.2	15.1	11.5	13.4	7.2	6.5	6.8
2	24.6	23.4	24.1	22.2	21.4	21.8	15.0	14.3	14.7	6.8	6.4	6.6
3	24.3	23.2	23.9	22.0	21.4	21.7	14.5	13.7	14.0	9.0	6.8	7.7
4	24.5	22.4	23.8	21.8	21.2	21.6	13.9	12.3	13.3	11.2	8.9	9.9
5	24.2	23.5	23.8	21.2	19.5	20.4	12.9	11.4	12.2	10.7	9.6	10.2
6	23.8	22.4	23.5	20.5	17.3	19.2	14.4	10.5	12.6	11.5	10.4	10.9
7	23.3	21.8	22.9	19.9	17.2	18.9	14.8	11.9	13.8	11.6	10.8	11.3
8	23.3	21.3	22.5	20.9	16.2	18.9	14.8	12.7	14.2	12.6	11.3	12.0
9	23.4	22.0	22.8	19.0	15.8	17.7	15.0	12.1	14.2	12.4	11.0	11.7
10	23.4	22.4	23.1	18.2	17.1	17.8	15.6	12.7	14.5	12.4	11.7	12.0
11	23.5	22.7	23.1	18.4	15.6	17.0	13.0	11.0	11.5	12.4	11.7	11.9
12	23.4	22.8	23.1	18.6	16.6	17.8	14.0	10.7	11.7	12.5	11.7	12.0
13	23.5	22.3	23.0	18.6	15.5	17.4	14.0	10.2	11.8	12.9	11.9	12.4
14	22.6	21.6	22.1	18.2	15.5	16.9	13.9	9.7	12.6	13.4	12.3	12.9
15	22.1	21.0	21.8	17.9	14.0	16.8	13.5	9.3	12.2	12.7	12.0	12.3
16	21.7	20.5	21.2	16.9	15.1	15.7	11.6	10.1	10.7	12.3	11.1	11.8
17	20.8	19.5	20.2	17.2	13.3	15.5	11.7	9.8	10.5	11.9	10.0	11.4
18	22.0	19.0	20.6	16.5	14.9	15.6	11.2	8.2	9.7	11.2	9.2	9.7
19	22.2	21.0	21.9	16.4	14.0	15.2	10.1	6.7	7.8	9.7	8.5	9.2
20	22.1	19.6	21.0	17.4	14.7	16.0	10.9	6.8	9.2	9.5	7.1	8.7
21	22.0	20.1	21.4	16.2	14.6	15.6	9.8	7.6	8.9	9.4	6.7	8.2
22	21.8	20.4	21.2	17.3	15.5	16.5	---	---	---	9.8	6.2	8.3
23	21.6	20.1	21.0	17.7	16.3	17.0	---	---	---	9.8	5.7	8.6
24	21.6	20.3	21.0	17.6	16.6	17.2	9.5	7.4	8.1	8.6	7.1	7.8
25	22.4	20.4	21.2	17.3	15.6	16.7	9.5	6.9	8.7	8.7	5.7	7.6
26	20.6	19.5	20.2	16.1	15.6	15.9	10.7	6.3	8.1	9.1	8.4	8.7
27	20.9	19.7	20.4	15.9	15.4	15.6	10.3	7.2	9.0	9.1	7.2	8.3
28	20.9	19.5	20.5	15.6	13.0	14.7	8.4	6.7	7.6	9.3	7.7	8.7
29	20.3	19.3	20.0	14.9	13.0	14.3	9.2	7.5	8.3	8.8	7.2	7.9
30	21.2	19.4	20.2	14.9	12.6	13.9	8.6	6.6	7.8	8.5	5.4	7.2
31	21.8	20.5	21.0	---	---	---	8.6	6.0	6.8	8.4	6.5	8.0
MONTH	24.7	19.0	21.9	22.2	12.6	17.4	---	---	---	13.4	5.4	9.7

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	8.4	7.6	7.9	9.6	7.9	8.9	14.6	13.2	14.1	19.0	16.8	17.7
2	8.2	7.2	7.7	9.6	7.1	8.5	14.8	13.3	14.4	19.1	17.6	18.2
3	8.3	6.2	7.5	9.9	7.6	8.7	15.1	13.0	14.1	19.8	17.2	18.3
4	8.3	7.0	7.9	10.2	7.2	8.9	15.0	13.9	14.4	18.8	17.3	18.1
5	8.3	6.2	7.1	10.1	8.9	9.5	16.1	14.0	15.0	18.3	17.7	18.0
6	8.4	6.6	7.5	10.5	8.7	9.7	16.1	13.8	14.8	18.5	16.9	17.7
7	8.8	6.8	7.8	11.0	9.6	10.3	16.0	13.7	14.4	20.0	17.7	18.5
8	9.4	7.7	8.6	11.6	10.5	11.0	17.0	14.1	15.5	20.9	17.9	19.0
9	9.2	8.7	8.9	11.1	9.7	10.4	17.4	16.1	16.6	21.5	18.3	19.5
10	9.1	8.4	8.9	11.6	9.9	10.7	19.4	16.0	17.3	20.6	18.5	19.2
11	9.3	8.0	8.6	11.0	10.1	10.5	17.1	15.4	16.1	21.3	18.5	19.8
12	9.3	8.4	8.8	11.3	9.5	10.3	18.3	15.5	16.6	22.7	19.2	20.4
13	9.3	8.3	8.8	12.1	10.4	11.2	17.2	15.8	16.4	22.3	19.3	20.7
14	8.9	8.0	8.7	12.1	11.0	11.5	16.8	15.6	16.4	23.2	20.1	21.2
15	9.4	8.0	8.6	12.3	11.0	11.6	16.7	15.6	16.2	22.7	20.1	21.0
16	10.4	8.8	9.6	12.2	11.3	11.8	16.9	14.8	15.8	23.5	19.3	21.2
17	10.9	9.5	10.2	11.4	10.2	11.0	16.4	15.6	16.0	23.3	20.5	21.8
18	10.2	9.7	9.9	11.4	9.1	10.6	19.1	15.4	16.5	23.4	20.6	21.7
19	10.5	9.5	9.8	11.0	9.2	9.9	18.6	15.9	16.9	23.6	20.4	22.0
20	10.2	9.9	10.0	11.6	10.4	11.0	18.5	15.7	16.7	22.4	20.2	21.2
21	10.0	9.8	9.9	11.8	11.1	11.4	18.8	16.0	16.9	22.0	19.6	20.8
22	10.3	9.8	10.1	12.1	11.3	11.7	20.2	16.7	18.1	22.6	20.6	21.5
23	11.3	9.9	10.7	13.8	12.0	12.8	19.9	17.2	18.0	22.7	20.1	21.2
24	11.5	10.7	11.0	14.0	12.2	12.9	18.4	15.8	17.0	23.0	20.0	21.1
25	11.2	10.6	11.0	14.8	12.0	13.8	17.7	16.2	17.1	22.4	20.2	21.3
26	11.0	10.6	10.9	15.2	13.2	14.3	17.3	16.5	16.9	23.3	20.8	21.9
27	11.0	10.4	10.7	15.1	13.2	14.0	17.8	16.4	16.9	23.4	20.8	22.0
28	11.0	9.6	10.6	15.0	12.1	13.4	18.6	16.0	17.0	23.2	21.0	22.0
29	---	---	---	14.4	13.4	13.8	18.1	16.9	17.5	23.3	21.1	22.0
30	---	---	---	14.8	13.2	13.9	17.5	16.7	17.1	22.3	21.1	21.6
31	---	---	---	14.7	13.2	14.0	---	---	---	21.4	21.1	21.2
MONTH	11.5	6.2	9.2	15.2	7.1	11.4	20.2	13.0	16.2	23.6	16.8	20.4

## SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Temperature, water, degrees Celsius  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	21.3	20.7	21.0	26.4	25.3	25.8	28.4	27.1	28.0	29.8	28.5	29.1
2	20.8	19.4	20.3	27.3	25.4	26.1	29.1	27.2	28.1	29.6	28.6	29.2
3	20.4	18.5	19.2	27.0	26.0	26.4	29.1	27.8	28.4	29.5	28.7	29.2
4	21.5	18.8	19.9	27.6	26.2	26.7	30.2	28.3	29.0	29.4	28.2	28.8
5	23.0	20.8	21.6	28.1	26.1	26.8	30.1	28.5	29.2	28.9	27.5	28.3
6	24.2	21.2	22.4	28.1	26.0	26.8	29.4	28.4	28.9	28.1	26.9	27.4
7	24.2	21.6	22.7	27.8	25.8	26.7	28.9	28.1	28.5	27.7	25.9	26.9
8	24.6	22.0	23.1	27.5	25.4	26.4	28.7	28.2	28.5	27.5	26.2	27.0
9	25.0	22.4	23.4	25.4	23.2	23.9	29.1	27.8	28.4	27.6	26.1	27.1
10	25.7	22.6	23.9	24.9	23.7	24.2	29.2	28.2	28.6	27.5	26.6	27.1
11	25.8	22.8	24.0	26.9	24.2	25.7	29.1	27.6	28.3	27.4	26.1	26.7
12	25.4	23.7	24.4	27.5	26.1	26.6	30.1	28.0	28.7	26.9	25.7	26.3
13	25.4	23.2	24.0	27.6	26.5	26.9	29.4	28.3	28.7	26.9	25.8	26.4
14	26.9	23.3	24.8	27.4	26.2	26.6	29.7	28.5	29.0	26.7	26.0	26.4
15	27.8	24.1	25.5	27.4	26.2	26.6	30.3	28.6	29.4	27.3	26.1	26.7
16	27.9	23.9	25.5	27.1	26.3	26.7	30.4	29.0	29.7	27.5	26.8	27.2
17	27.2	24.6	25.9	27.5	26.4	27.0	30.5	29.2	29.8	27.9	27.1	27.4
18	27.3	25.0	26.0	29.0	26.7	27.4	30.2	29.1	29.6	27.8	27.0	27.3
19	26.4	24.6	25.3	28.9	26.7	27.5	31.0	29.0	29.6	28.0	27.0	27.6
20	26.3	24.2	25.1	29.6	27.0	27.9	31.2	29.3	29.9	28.0	27.5	27.7
21	25.8	24.9	25.4	30.6	27.2	28.5	31.1	29.6	30.3	28.1	27.4	27.7
22	26.1	24.4	25.2	29.9	27.6	28.6	30.5	29.6	29.9	28.2	27.4	27.8
23	26.7	24.6	25.6	30.2	27.8	28.9	30.1	29.1	29.5	28.3	27.3	27.8
24	26.6	25.3	26.0	30.2	28.8	29.4	30.0	29.1	29.6	28.1	27.4	27.8
25	26.2	25.5	25.9	30.5	28.3	29.3	29.8	28.6	29.4	27.9	27.6	27.7
26	26.1	25.3	25.7	30.6	28.2	29.4	29.6	28.5	29.1	27.6	27.1	27.4
27	27.3	25.9	26.4	30.9	28.7	29.6	29.4	28.3	28.9	27.7	27.0	27.3
28	27.1	25.7	26.3	31.0	28.9	29.8	29.9	28.7	29.2	27.4	26.8	27.2
29	26.1	25.5	25.8	30.4	28.6	29.2	29.7	29.0	29.4	27.3	26.6	27.0
30	27.0	25.3	25.7	29.1	28.2	28.6	29.4	28.9	29.2	27.1	25.8	26.3
31	---	---	---	28.6	27.5	28.3	29.5	28.5	29.0	---	---	---
MONTH	27.9	18.5	24.2	31.0	23.2	27.4	31.2	27.1	29.1	29.8	25.7	27.5

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	10.9	9.0	9.8	12.1	11.6	11.9			
2	---	---	---	---	---	---	9.4	8.8	9.1	12.0	11.9	12.0			
3	---	---	---	---	---	---	9.4	9.0	9.2	11.9	11.0	11.5			
4	---	---	---	---	---	---	10.0	9.2	9.5	11.1	10.3	10.7			
5	---	---	---	---	---	---	10.5	9.7	10.0	10.9	10.6	10.8			
6	---	---	---	8.9	7.9	8.3	11.1	9.2	9.9	10.7	10.1	10.3			
7	---	---	---	8.6	7.4	8.0	10.9	9.1	9.7	10.3	9.8	10.1			
8	---	---	---	8.8	7.6	8.0	10.7	9.4	9.8	10.2	10.0	10.1			
9	---	---	---	9.2	8.2	8.5	10.9	9.2	9.7	10.1	9.9	10.0			
10	---	---	---	8.8	8.1	8.5	10.7	9.6	10.0	10.0	9.8	9.9			
11	---	---	---	9.1	8.0	8.5	11.8	10.5	11.4	10.0	9.8	10.0			
12	---	---	---	8.7	7.8	8.2	11.5	10.0	11.0	10.1	9.8	10.0			
13	---	---	---	9.3	7.9	8.4	11.1	10.0	10.6	10.2	9.9	10.0			
14	---	---	---	9.3	8.1	8.7	11.3	10.0	10.3	10.1	9.7	9.9			
15	---	---	---	9.8	8.1	8.7	11.4	10.1	10.5	10.1	10.0	10.0			
16	---	---	---	9.1	8.6	8.9	11.2	10.7	11.0	10.3	10.1	10.2			
17	---	---	---	9.6	8.5	8.9	11.4	10.6	11.0	10.4	10.1	10.2			
18	---	---	---	9.3	8.6	8.9	12.2	10.6	11.4	10.7	10.2	10.5			
19	---	---	---	10.0	8.7	9.2	12.8	11.2	12.2	11.0	10.4	10.6			
20	---	---	---	9.7	8.5	9.0	12.5	10.8	11.4	11.4	10.4	10.9			
21	---	---	---	9.8	8.9	9.1	12.2	11.1	11.6	12.1	10.4	11.1			
22	---	---	---	9.6	8.4	8.9	---	---	---	12.4	10.6	11.3			
23	---	---	---	9.2	8.5	8.9	12.9	---	---	12.3	10.5	11.0			
24	---	---	---	9.0	8.3	8.6	12.8	11.5	12.2	11.8	10.9	11.3			
25	---	---	---	9.3	8.5	8.9	12.8	11.3	11.8	12.3	11.0	11.4			
26	---	---	---	9.2	8.7	8.8	12.8	11.1	12.1	11.2	10.5	11.0			
27	---	---	---	9.1	8.8	8.9	12.3	11.0	11.5	11.5	10.5	11.0			
28	---	---	---	9.8	8.9	9.2	12.5	11.8	12.2	11.1	10.3	10.7			
29	---	---	---	9.8	9.2	9.4	12.3	10.7	11.4	11.2	10.7	11.0			
30	---	---	---	10.2	8.9	9.5	11.8	10.8	11.2	11.9	10.5	11.2			
31	---	---	---	---	---	---	12.3	11.0	11.8	11.7	10.7	11.0			
MONTH	---	---	---	---	---	---	---	---	---	12.4	9.7	10.7			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	11.6	10.9	11.3	11.0	9.9	10.4	9.6	8.5	9.0	8.8	8.4	8.6			
2	11.8	11.2	11.4	11.0	10.2	10.7	10.6	8.9	9.4	8.8	8.2	8.5			
3	12.0	11.0	11.4	11.1	10.4	10.7	10.6	8.9	9.2	8.5	7.9	8.2			
4	11.6	10.9	11.2	11.3	10.4	10.7	9.2	9.0	9.1	8.4	7.9	8.1			
5	12.2	11.1	11.7	11.1	10.4	10.7	9.2	8.7	9.0	8.5	8.0	8.3			
6	11.9	11.3	11.6	11.1	10.5	10.8	9.2	8.8	9.0	9.0	8.3	8.5			
7	12.0	11.1	11.5	10.8	10.5	10.6	9.1	8.8	9.0	8.5	8.2	8.3			
8	11.7	11.0	11.3	10.6	10.1	10.4	9.1	8.5	8.8	8.5	8.0	8.2			
9	11.3	11.0	11.2	10.4	10.2	10.3	9.2	8.4	8.8	8.4	7.9	8.1			
10	11.1	10.6	11.0	10.4	10.2	10.3	9.0	8.1	8.5	8.0	7.7	7.9			
11	11.1	10.9	11.0	10.5	10.2	10.4	8.9	8.4	8.7	8.4	7.6	7.9			
12	11.0	10.9	10.9	10.8	10.4	10.6	8.7	8.0	8.4	8.2	7.7	8.0			
13	11.3	10.8	10.9	10.8	10.5	10.7	8.7	8.2	8.6	8.4	7.5	7.9			
14	11.3	10.6	10.9	10.6	10.3	10.4	8.7	8.2	8.6	8.4	7.7	8.1			
15	11.3	10.7	11.1	10.4	10.2	10.3	9.1	8.3	8.8	8.0	7.5	7.7			
16	11.1	10.6	10.8	10.4	9.9	10.3	9.3	8.8	9.0	8.0	7.5	7.7			
17	10.8	10.6	10.7	10.4	10.3	10.4	9.2	8.6	8.9	8.0	7.3	7.7			
18	10.6	10.3	10.6	10.7	10.3	10.5	9.2	8.7	8.9	7.9	7.3	7.6			
19	10.6	10.4	10.5	10.9	10.4	10.7	9.1	8.6	8.8	7.8	7.3	7.5			
20	10.6	10.4	10.4	10.7	10.4	10.5	8.8	8.4	8.6	7.6	7.2	7.4			
21	10.7	10.4	10.6	10.6	10.2	10.4	9.4	8.0	8.5	8.0	7.2	7.5			
22	10.6	10.2	10.4	10.4	9.6	10.3	8.7	8.1	8.4	8.0	7.3	7.6			
23	10.3	9.8	10.0	10.3	10.2	10.2	8.7	8.2	8.4	7.5	6.8	7.3			
24	10.1	9.7	10.0	10.2	10.1	10.2	8.8	8.4	8.6	7.7	6.8	7.2			
25	10.1	9.8	10.0	10.2	9.8	9.9	8.8	8.5	8.6	7.9	7.1	7.6			
26	10.0	9.8	9.8	10.1	9.6	9.8	8.7	8.4	8.6	8.0	6.9	7.5			
27	10.0	9.6	9.8	10.0	9.4	9.8	8.9	8.3	8.6	7.8	7.2	7.5			
28	10.3	10.0	10.0	10.0	9.4	9.8	8.8	8.4	8.6	7.6	7.1	7.3			
29	---	---	---	10.2	9.4	9.9	9.0	8.3	8.7	7.8	7.0	7.3			
30	---	---	---	10.8	9.9	10.3	8.8	8.4	8.6	7.8	7.1	7.4			
31	---	---	---	10.2	8.7	9.3	---	---	---	7.6	7.0	7.3			
MONTH	12.2	9.6	10.8	11.3	8.7	10.3	10.6	8.0	8.8	9.0	6.8	7.8			

## SANTEE RIVER BASIN

02160991 BROAD RIVER NEAR JENKINSVILLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.5	7.1	7.4	6.2	5.3	5.8	6.4	5.1	5.5	6.7	5.3	5.9
2	7.6	7.3	7.4	6.0	5.4	5.7	6.6	5.2	5.8	6.8	5.5	6.3
3	7.4	6.4	7.1	6.1	5.4	5.8	6.5	5.3	5.9	7.0	5.9	6.5
4	7.7	6.6	7.3	6.0	5.4	5.7	7.0	5.4	6.0	6.8	6.0	6.4
5	7.6	6.7	7.1	5.7	4.8	5.4	6.3	5.1	5.7	7.1	6.1	6.6
6	7.3	6.2	6.8	6.1	4.9	5.4	5.9	4.9	5.4	7.3	6.5	6.8
7	6.8	6.1	6.5	6.3	5.0	5.5	6.0	5.0	5.4	7.2	6.5	6.8
8	6.6	6.0	6.3	7.0	4.9	5.6	6.3	5.2	5.5	7.1	6.5	6.7
9	6.6	6.0	6.3	---	---	---	6.2	5.0	5.4	7.4	6.5	6.8
10	6.8	5.9	6.4	---	---	---	6.3	5.0	5.6	7.3	6.6	6.9
11	6.7	6.1	6.4	---	---	---	6.4	5.1	5.7	7.5	6.9	7.1
12	6.8	6.4	6.6	6.1	5.4	5.6	6.8	4.9	5.6	7.6	7.0	7.1
13	6.6	6.2	6.4	6.4	5.2	5.6	6.0	5.2	5.6	7.3	6.8	7.0
14	7.3	6.1	6.6	6.5	5.3	5.8	6.0	5.2	5.6	7.3	6.8	7.0
15	7.6	6.1	6.8	6.7	5.3	5.9	6.1	5.0	5.4	7.2	6.7	6.8
16	7.1	6.0	6.4	6.6	5.3	5.7	5.8	4.7	5.3	7.0	6.3	6.7
17	7.1	6.2	6.5	6.5	5.6	6.0	5.9	4.7	5.3	7.0	6.2	6.7
18	7.0	6.4	6.6	6.5	5.3	5.8	5.6	4.6	5.1	7.0	6.2	6.5
19	7.0	6.3	6.6	6.2	5.1	5.7	6.1	4.5	5.0	7.1	6.2	6.7
20	7.2	6.4	6.8	6.2	5.3	5.6	5.6	4.6	4.9	7.1	6.3	6.7
21	6.9	6.4	6.7	6.4	4.8	5.5	5.6	4.4	4.9	6.6	5.7	6.2
22	7.0	6.1	6.5	5.8	5.0	5.5	5.3	4.7	4.9	6.6	5.8	6.3
23	6.8	5.8	6.4	5.8	4.6	5.2	5.4	4.3	4.9	6.9	5.9	6.5
24	6.7	5.9	6.3	6.5	4.5	5.4	5.5	3.8	5.0	7.0	6.1	6.6
25	6.6	5.9	6.2	6.5	5.0	5.5	5.9	4.8	5.3	6.8	6.3	6.6
26	6.6	6.0	6.3	6.2	4.0	5.2	6.3	5.1	5.5	6.7	6.0	6.3
27	6.5	6.0	6.2	5.8	4.6	5.2	6.2	5.0	5.4	6.6	6.0	6.3
28	6.3	5.4	5.9	6.0	4.8	5.5	6.3	4.7	5.4	6.8	6.0	6.4
29	6.2	5.6	5.9	6.3	5.1	5.5	5.8	4.8	5.3	6.7	6.2	6.4
30	6.2	5.4	5.8	6.4	5.1	5.5	5.9	5.0	5.5	7.0	6.1	6.7
31	---	---	---	6.3	4.9	5.3	6.8	5.2	5.8	---	---	---
MONTH	7.7	5.4	6.5	---	---	---	7.0	3.8	5.4	7.6	5.3	6.6