

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, SC

LOCATION.--Lat 33°25'36'', long 79°55'50'', Berkeley County, Hydrologic Unit 03050201, at St. Stephens hydro-electric plant (COE), 1.0 mi from town of St. Stephens.

PERIOD OF RECORD.--Water years 2001 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 2000 to current year.

pH: November 2000 to current year.

WATER TEMPERATURE: November 2000 to current year.

DISSOLVED OXYGEN: November 2000 to current year.

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

REMARKS.--Specific conductance records rated excellent except for Feb. 21-23, Aug. 5-11, which are good, and Aug. 12-15, which are fair. pH records rated excellent except for Nov. 29 to Dec. 1, Dec. 5-7, Feb 1-17, Mar. 27 to Apr. 21, May 12-17, 22-25, June 10, 11, Aug. 8-14, 23, 24, which are good, Dec. 8-10, Apr. 22 to May 4, May 26-29, June 12, 13, Aug. 15, which are fair, and Nov. 5-20, Dec. 5-22, and Oct. 1-12, Dec. 11-22, May 30 to June 7, which are poor. Temperature records rated excellent. Dissolved oxygen records rated good except for Dec. 2-19, Jan. 4-13, Mar. 13-17, Apr. 4-20, 26, 27, June 21-23, July 19-22, July 30 to Aug. 1, Aug. 14, 15, 21, 22, which are fair, and Dec. 20 to Jan. 3, Apr. 28 to May 1, May 5-13, June 24-28, Aug. 23, 29, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 380 microsiemens, May 21, 2003; minimum, 52 microsiemens, May 22, 2003.

pH: Maximum, 9.2 units, Aug. 6, 2005; minimum, 5.4 units, Sep. 22, 23, 2003.

WATER TEMPERATURE: Maximum, 33.6°C, July 28, 2005; minimum, 3.5°C, Jan. 4, 5, 2001.

DISSOLVED OXYGEN: Maximum, 15.6 mg/L, Jan. 9, 2002; minimum, 0.3 mg/L, Sep. 26, 29, 30, 2005.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 146 microsiemens, June 24; minimum, 69 microsiemens, Aug. 21.

pH: Maximum, 9.2 units, Aug. 6; minimum, 5.6 units, Aug. 2.

WATER TEMPERATURE: Maximum, 33.6°C, July 28; minimum, 5.5°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Feb. 2; minimum, 0.3 mg/L, Sep. 26, 29, 30.

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	83	81	82	95	80	84	77	76	76	86	84	85
2	83	82	83	88	82	84	78	76	76	87	85	86
3	83	81	82	87	82	84	78	76	77	89	87	88
4	81	80	80	90	82	85	78	76	77	90	88	89
5	81	79	80	89	82	85	79	77	78	90	89	90
6	79	77	78	89	84	85	81	78	78	90	88	89
7	82	79	81	89	72	82	80	77	78	---	---	---
8	82	80	81	73	71	72	80	77	78	88	86	87
9	81	80	81	76	73	74	80	76	77	90	88	88
10	86	80	81	76	72	74	78	76	77	93	88	89
11	82	78	80	79	74	75	79	76	77	90	88	89
12	84	78	79	85	75	77	82	79	81	94	87	89
13	88	76	79	85	75	77	84	81	83	93	87	90
14	81	74	76	80	75	76	86	82	85	92	89	90
15	84	73	76	79	74	76	82	79	81	94	91	92
16	85	73	76	79	74	76	79	78	79	93	91	92
17	85	73	77	78	74	75	80	79	79	94	91	92
18	84	73	78	80	74	75	81	79	79	93	92	92
19	82	73	76	82	74	75	80	79	80	93	92	92
20	89	72	76	77	74	75	86	80	82	94	92	92
21	90	72	77	79	74	75	87	85	86	94	92	92
22	96	73	82	81	74	75	86	84	85	95	92	93
23	114	74	87	79	74	75	86	83	84	94	92	93
24	116	83	93	79	74	75	84	83	83	94	92	93
25	100	82	88	76	74	74	85	83	84	101	93	94
26	98	81	85	76	74	75	86	82	84	97	94	95
27	95	80	85	77	75	76	83	81	82	102	93	96
28	96	80	85	79	75	76	82	81	81	104	93	96
29	95	81	85	78	76	76	82	81	82	113	99	106
30	98	79	87	79	75	76	83	82	82	115	98	103
31	93	82	85	---	---	---	84	83	84	115	98	105
MONTH	116	72	81	95	71	77	87	76	80	---	---	---

02171639 REDIVERSION CANAL AT ST. STEPHENS, 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	120	93	98	92	91	91	89	89	89	86	84	85
2	120	92	100	92	91	92	90	89	89	85	84	84
3	117	100	108	92	91	91	91	89	90	86	84	85
4	117	92	98	92	92	92	93	91	91	91	84	86
5	123	95	101	93	92	92	93	91	92	90	84	85
6	123	97	101	92	92	92	92	90	91	93	84	87
7	111	97	101	93	92	92	92	91	91	92	83	87
8	106	97	100	93	92	92	92	91	91	93	83	84
9	106	96	101	94	93	93	93	92	93	95	83	87
10	112	93	103	93	92	93	93	93	93	106	84	90
11	100	92	94	93	92	92	94	93	93	115	84	91
12	95	93	93	94	92	93	93	92	93	123	82	91
13	101	93	95	95	93	94	93	92	92	105	82	90
14	110	93	98	93	92	93	94	92	93	119	83	95
15	124	99	106	93	92	92	94	93	94	123	92	102
16	110	98	104	92	92	92	94	93	93	130	99	107
17	112	94	103	92	90	91	94	92	93	118	92	108
18	97	89	91	90	89	90	94	93	93	106	83	94
19	94	88	91	90	90	90	94	91	93	100	87	93
20	122	92	103	90	90	90	92	89	91	107	88	97
21	112	91	97	91	90	90	90	87	89	90	86	88
22	100	92	95	91	90	90	88	87	88	104	85	89
23	103	93	96	90	90	90	87	85	87	100	79	85
24	99	92	94	90	89	90	85	84	85	125	78	88
25	93	91	92	90	89	90	86	84	85	90	78	81
26	92	91	92	90	89	90	86	85	85	92	78	82
27	93	92	92	89	88	89	86	84	85	87	78	81
28	92	92	92	89	89	89	---	---	---	90	80	82
29	---	---	---	89	89	89	---	---	---	90	80	83
30	---	---	---	89	88	89	91	84	86	83	80	81
31	---	---	---	89	88	89	---	---	---	83	79	80
MONTH	124	88	98	95	88	91	---	---	---	130	78	89

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	86	78	82	83	79	80	98	78	92	89	73	77
2	83	78	79	84	76	81	105	78	86	87	74	78
3	81	78	79	89	77	84	102	77	83	90	74	79
4	78	78	78	81	70	80	94	77	80	90	73	78
5	78	78	78	82	77	80	97	77	81	94	74	79
6	78	77	78	83	79	81	94	78	80	95	74	80
7	80	78	79	81	80	81	95	78	82	116	75	84
8	81	80	81	81	80	81	89	78	82	95	75	81
9	82	81	81	82	80	81	84	78	81	125	75	92
10	81	80	81	81	80	80	90	79	82	128	83	103
11	82	80	80	80	79	80	91	79	81	128	84	99
12	81	79	80	80	79	80	91	80	82	105	76	92
13	83	79	80	81	80	81	85	80	82	101	77	90
14	88	81	83	82	81	82	98	81	83	99	83	87
15	91	83	86	83	82	82	84	77	80	93	82	85
16	96	85	88	83	82	82	80	77	78	106	77	90
17	96	86	89	83	82	82	88	77	80	100	83	89
18	105	87	91	83	82	83	83	77	79	98	82	88
19	114	86	92	83	82	82	85	77	79	112	85	93
20	112	86	93	83	81	82	81	75	78	129	88	99
21	121	85	96	88	81	82	81	69	76	132	98	109
22	137	85	98	85	82	82	93	77	82	126	100	109
23	113	85	97	86	81	83	92	74	80	115	103	108
24	146	85	102	90	81	83	90	76	82	119	101	108
25	112	84	98	86	80	82	89	73	79	127	108	115
26	120	85	94	85	80	82	86	77	79	116	81	102
27	126	81	97	85	81	82	84	78	80	106	84	95
28	112	79	88	90	82	85	82	77	79	123	91	100
29	96	79	83	91	82	85	84	76	78	125	89	107
30	95	78	82	112	84	95	79	76	78	129	112	118
31	---	---	---	118	91	101	86	73	77	---	---	---
MONTH	146	77	86	118	70	83	105	69	81	132	73	94

SANTÉE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, 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	7.4	6.9	6.4	6.3	7.2	6.9	---	---	7.0	6.9	7.4	7.2
2	7.4	6.9	6.4	6.4	7.6	7.1	---	---	7.1	6.9	7.5	7.2
3	7.2	6.9	6.5	6.3	7.6	7.4	---	---	6.9	6.8	7.7	7.4
4	6.9	6.5	6.5	6.4	7.6	7.5	---	---	7.0	6.8	8.0	7.6
5	6.6	6.3	6.6	6.5	7.6	7.3	---	---	7.0	6.8	7.9	7.5
6	6.4	6.2	6.5	6.5	7.5	7.3	---	---	6.9	6.8	7.8	7.6
7	6.4	6.2	6.7	6.5	7.5	7.3	---	---	6.8	6.7	7.6	7.4
8	6.4	6.2	6.9	6.7	7.5	7.3	---	---	6.8	6.7	7.4	7.2
9	6.5	6.2	6.9	6.7	7.4	7.3	---	---	6.7	6.7	7.2	7.1
10	6.4	6.2	7.1	6.8	7.4	7.3	---	---	6.9	6.6	7.3	7.2
11	6.4	6.2	7.1	6.9	7.4	7.2	---	---	7.0	6.7	7.4	7.3
12	6.4	6.2	7.1	6.9	7.5	7.3	---	---	7.1	6.9	7.3	7.1
13	---	---	7.1	6.9	7.5	7.2	---	---	7.1	6.8	7.1	7.0
14	---	---	7.1	6.9	7.4	7.2	7.2	7.0	7.0	6.7	7.3	7.0
15	6.5	6.3	7.1	6.9	7.3	7.1	7.3	7.1	6.8	6.6	7.2	7.1
16	6.5	6.2	7.0	6.9	7.6	7.2	7.3	7.2	6.7	6.6	7.2	7.1
17	6.5	6.4	7.0	6.9	7.7	7.5	7.2	7.1	7.0	6.6	7.2	7.1
18	6.5	6.3	7.0	6.9	7.6	7.4	7.3	7.2	7.0	6.8	7.2	7.2
19	6.5	6.3	7.1	6.9	7.7	7.5	7.3	7.2	6.9	6.8	7.3	7.2
20	6.4	6.3	7.1	6.9	7.9	7.6	7.4	7.2	6.9	6.8	7.3	7.2
21	6.5	6.3	7.0	6.8	7.8	7.5	7.4	7.2	6.9	6.8	7.2	7.1
22	6.5	6.3	7.1	6.9	7.7	7.5	7.3	7.1	6.9	6.8	7.2	7.1
23	6.5	6.4	7.2	6.9	---	---	7.3	7.2	7.1	6.7	7.2	7.1
24	6.5	6.4	7.1	6.9	---	---	7.4	7.2	7.1	7.0	7.2	7.0
25	6.5	6.4	7.1	7.0	---	---	7.3	7.2	7.2	7.0	7.1	7.0
26	6.4	6.3	7.1	6.9	---	---	7.3	7.1	7.4	7.2	7.1	6.9
27	6.4	6.3	---	---	---	---	7.2	7.1	7.4	7.4	7.1	7.0
28	6.5	6.4	---	---	---	---	7.2	7.0	7.4	7.3	7.1	7.0
29	6.4	6.4	7.1	6.9	---	---	7.1	7.0	---	---	7.2	7.0
30	6.4	6.4	7.1	6.9	---	---	7.1	7.0	---	---	7.2	7.1
31	6.4	6.4	---	---	---	---	7.0	6.8	---	---	7.3	7.1
MONTH	---	---	---	---	---	---	---	---	7.4	6.6	8.0	6.9

pH, water, unfiltered, field, standard units

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.2	7.1	7.2	7.0	7.0	6.8	7.7	7.0	7.1	6.6	7.2	6.7
2	7.2	7.0	7.1	7.0	7.0	6.8	7.6	7.0	7.1	5.6	7.2	6.8
3	7.2	7.0	7.1	7.0	6.9	6.7	7.4	7.0	6.7	5.9	7.2	6.7
4	7.3	7.1	7.2	7.1	6.9	6.7	7.5	6.9	6.7	6.0	7.3	6.7
5	7.3	7.1	7.2	7.1	7.0	6.7	7.3	7.0	8.3	6.4	7.2	6.8
6	7.4	7.2	7.2	7.1	7.0	6.9	7.5	7.0	9.2	7.7	7.0	6.7
7	7.4	7.1	7.2	7.0	7.2	6.8	7.6	7.1	9.1	7.7	7.0	6.6
8	7.3	7.1	7.2	6.9	7.1	6.9	7.6	7.1	9.0	7.3	---	---
9	7.3	7.1	7.1	6.8	7.0	6.8	7.5	7.1	8.8	7.3	---	---
10	7.1	7.1	7.1	6.7	7.1	6.9	7.2	6.9	8.6	7.2	---	---
11	7.2	7.0	6.8	6.6	7.2	6.9	7.3	7.0	8.3	6.9	---	---
12	7.2	7.1	6.8	6.6	7.0	6.8	7.6	7.0	8.1	6.9	---	---
13	7.1	6.9	6.7	6.6	7.2	6.7	7.5	7.2	8.1	6.9	---	---
14	7.1	6.9	6.6	6.4	7.3	6.8	7.4	7.1	7.7	6.7	---	---
15	7.1	7.0	6.4	6.4	7.5	6.9	7.3	7.0	7.5	6.8	7.0	6.8
16	7.2	7.0	6.5	6.2	7.5	6.8	7.4	7.0	7.4	7.0	7.1	6.7
17	7.2	7.0	6.4	6.3	7.6	6.9	7.4	7.0	7.2	6.9	6.8	6.7
18	7.2	7.0	6.6	6.3	7.3	6.9	7.4	7.0	7.1	6.7	6.8	6.6
19	7.1	7.0	6.7	6.5	7.3	6.7	7.4	7.0	7.2	6.8	6.9	6.6
20	7.1	6.9	6.7	6.6	7.2	6.7	7.4	6.7	7.1	6.7	7.0	6.6
21	---	---	6.8	6.6	7.2	6.6	7.4	6.7	7.2	6.7	6.9	6.6
22	7.0	6.9	6.8	6.7	7.2	6.6	7.5	6.7	7.0	6.6	6.8	6.6
23	6.9	6.9	7.0	6.7	7.5	6.7	7.4	7.1	6.9	6.5	6.7	6.6
24	7.0	6.9	7.3	6.8	7.3	6.7	7.6	7.1	6.9	6.4	6.8	6.6
25	7.1	7.0	7.2	6.9	6.9	6.7	7.3	7.0	7.0	6.6	6.7	6.7
26	7.1	7.0	7.2	6.9	6.8	6.5	7.6	7.0	6.9	6.6	6.9	6.6
27	7.1	7.1	7.3	7.0	6.9	6.5	7.7	7.1	6.8	6.5	6.8	6.7
28	---	---	7.4	7.0	7.1	6.5	7.8	7.0	6.9	6.5	6.8	6.6
29	---	---	7.3	6.9	7.1	6.9	7.2	7.0	7.1	6.5	6.8	6.6
30	7.2	7.0	7.2	6.9	7.3	6.9	7.4	7.0	7.1	6.7	6.8	6.7
31	---	---	7.1	6.8	---	---	7.1	6.8	7.3	6.8	---	---
MONTH	---	---	7.4	6.2	7.6	6.5	7.8	6.7	9.2	5.6	---	---

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, 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	25.8	24.5	25.0	21.2	20.7	21.0	15.0	14.5	14.7	9.7	8.7	9.0
2	25.9	24.7	25.3	21.4	21.2	21.3	14.7	13.7	14.2	9.9	8.9	9.3
3	25.9	25.0	25.4	22.5	21.4	21.8	14.4	13.5	13.8	10.2	9.0	9.4
4	25.6	24.6	24.9	22.5	22.1	22.4	13.9	13.4	13.6	11.0	9.6	10.2
5	24.8	24.0	24.4	22.8	22.1	22.4	13.9	13.3	13.5	11.8	10.3	10.9
6	24.6	23.4	23.9	22.1	21.4	21.8	14.1	13.8	13.9	12.3	11.3	11.7
7	23.9	22.9	23.3	22.1	20.0	21.2	15.2	14.0	14.4	---	---	---
8	23.2	22.2	22.7	20.0	19.3	19.5	15.9	15.0	15.3	13.0	12.3	12.6
9	23.1	22.5	22.8	19.7	18.1	19.0	16.4	15.7	15.9	13.0	12.7	12.8
10	23.6	22.7	23.1	18.1	16.5	17.3	17.1	16.3	16.6	13.5	12.5	12.9
11	23.9	22.9	23.4	17.2	16.5	16.8	16.6	14.2	15.3	13.5	12.8	13.1
12	24.0	22.9	23.5	18.0	17.2	17.5	14.2	13.1	13.5	13.9	12.8	13.2
13	24.3	23.9	24.0	18.0	16.9	17.7	13.3	12.3	13.0	15.1	13.9	14.2
14	24.0	22.1	22.9	16.9	15.3	16.1	12.8	11.2	11.8	15.9	13.6	15.1
15	22.4	21.0	22.1	15.5	14.1	14.7	11.2	10.0	10.6	13.6	11.2	12.2
16	21.0	19.8	20.6	14.8	14.2	14.5	11.2	10.3	10.7	11.2	9.8	10.4
17	20.1	19.5	19.6	14.9	14.2	14.4	11.8	10.8	11.1	9.8	9.1	9.4
18	20.8	19.7	19.9	15.6	14.6	15.0	11.9	11.1	11.4	9.1	8.0	8.4
19	21.8	20.6	21.2	16.4	15.6	15.8	11.7	10.6	11.1	8.0	7.3	7.6
20	22.6	21.7	22.1	17.0	16.4	16.6	10.6	8.4	9.0	8.7	7.0	7.6
21	22.8	22.1	22.4	17.6	16.9	17.1	9.2	8.1	8.4	9.3	8.3	8.6
22	22.6	21.6	22.2	18.0	17.5	17.7	10.3	9.0	9.4	9.2	8.1	8.5
23	21.8	20.9	21.4	18.2	17.9	18.0	11.1	10.2	10.6	9.1	6.5	7.8
24	20.9	20.6	20.8	18.3	18.0	18.1	10.9	9.2	9.9	7.2	5.5	6.2
25	21.0	20.6	20.8	18.2	16.8	17.9	9.2	8.1	8.6	7.7	6.2	6.7
26	20.9	20.3	20.6	16.8	15.2	15.7	8.1	7.1	7.5	8.2	7.2	7.5
27	20.5	20.2	20.3	15.2	14.2	14.7	8.0	7.0	7.4	8.5	8.0	8.3
28	20.4	20.2	20.3	15.0	14.6	14.8	7.9	6.9	7.3	8.0	6.5	7.1
29	20.4	20.3	20.3	14.9	13.7	14.3	8.7	7.4	7.9	6.5	6.0	6.3
30	20.5	20.1	20.3	14.6	14.0	14.3	9.2	8.1	8.5	6.3	5.9	6.1
31	20.7	20.3	20.5	---	---	---	9.3	8.4	8.8	7.4	5.7	6.3
MONTH	25.9	19.5	22.3	22.8	13.7	17.6	17.1	6.9	11.5	---	---	---

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	6.7	6.0	6.2	9.8	9.5	9.7	16.0	15.4	15.7	19.6	18.9	19.1
2	6.7	6.0	6.3	9.5	8.2	8.7	15.8	14.5	15.5	21.0	19.3	19.7
3	6.8	6.4	6.6	9.3	8.5	8.8	15.3	13.6	14.4	20.9	19.6	20.1
4	6.7	6.1	6.4	10.3	8.9	9.4	16.8	14.6	15.5	20.8	19.8	20.2
5	7.7	6.5	6.8	10.6	9.8	10.1	17.4	15.5	16.3	20.6	18.6	20.0
6	7.4	6.6	6.9	10.5	9.5	10.0	17.6	16.4	17.0	18.6	17.6	18.2
7	8.4	6.7	7.2	11.7	10.5	10.9	17.5	17.1	17.2	19.8	17.4	18.2
8	7.3	6.8	7.1	12.5	11.7	12.2	19.0	16.8	17.6	21.2	19.5	20.3
9	8.5	7.2	7.6	12.2	10.7	11.2	18.8	17.6	18.0	23.2	20.9	21.8
10	10.1	8.5	9.3	11.3	10.2	10.5	18.2	16.6	17.4	23.6	21.9	22.6
11	10.4	9.0	9.8	11.2	10.7	10.9	19.3	17.1	18.1	25.4	23.2	23.8
12	9.3	8.1	8.7	11.6	10.1	10.6	18.8	17.6	18.0	25.5	23.9	24.4
13	9.0	8.0	8.5	12.6	11.3	11.6	18.4	17.6	18.1	27.4	24.5	25.3
14	9.6	8.8	9.2	12.8	12.5	12.7	17.6	16.5	16.8	26.0	25.1	25.6
15	10.1	9.5	9.8	12.8	11.9	12.2	16.6	15.6	16.1	25.8	24.7	25.1
16	11.3	9.9	10.5	12.8	11.2	12.1	16.2	14.9	15.5	27.7	24.5	25.7
17	11.9	10.6	11.3	11.2	9.9	10.6	16.7	15.0	15.7	26.0	24.7	25.3
18	11.2	10.5	10.8	10.8	9.7	10.0	18.1	15.7	16.6	25.9	24.4	25.0
19	11.2	10.7	10.9	11.5	10.4	10.8	19.1	16.8	17.7	25.6	24.1	24.8
20	11.2	10.8	11.0	12.9	11.2	11.8	19.7	17.8	18.5	25.5	24.2	24.6
21	11.4	10.9	11.1	13.4	12.6	13.0	20.4	19.0	19.6	24.3	23.9	24.1
22	12.3	11.3	11.8	13.7	13.2	13.4	21.3	19.9	20.3	23.9	23.5	23.8
23	13.4	12.2	12.7	14.3	13.3	13.6	21.1	19.7	20.4	25.0	23.4	23.9
24	13.6	13.0	13.3	15.4	13.8	14.3	19.7	17.1	18.6	25.0	23.6	24.0
25	13.2	11.2	12.2	15.5	15.0	15.2	17.2	16.4	16.9	24.0	22.5	23.3
26	11.2	10.4	10.8	16.1	15.4	15.7	17.1	16.6	16.8	23.1	22.3	22.7
27	10.8	10.0	10.5	16.2	15.1	15.5	18.3	16.8	17.3	24.1	22.7	23.3
28	10.0	9.6	9.8	15.5	14.3	15.1	---	---	---	24.9	23.8	24.2
29	---	---	---	15.6	13.9	14.6	---	---	---	25.9	24.4	24.8
30	---	---	---	16.8	15.2	15.9	19.1	18.8	18.9	25.3	23.4	24.7
31	---	---	---	16.3	15.7	15.9	---	---	---	23.4	22.7	23.2
MONTH	13.6	6.0	9.4	16.8	8.2	12.2	---	---	---	27.7	17.4	23.0

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, 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	22.7	22.4	22.6	30.5	29.0	29.5	31.4	31.0	31.2	30.5	29.7	30.0
2	23.8	22.4	23.0	30.6	29.6	30.1	31.6	30.2	30.9	30.6	29.9	30.2
3	24.0	23.6	23.8	30.8	29.5	30.3	30.7	29.9	30.2	30.5	29.5	29.7
4	24.1	23.5	23.8	30.3	28.7	29.4	30.6	30.2	30.4	29.6	28.8	29.3
5	25.8	23.6	24.4	30.4	29.7	30.2	30.3	29.7	30.1	28.8	27.8	28.4
6	27.1	24.8	25.7	30.4	28.9	29.6	29.8	29.4	29.6	27.8	27.0	27.5
7	27.4	25.7	26.5	30.2	29.1	29.7	29.5	28.9	29.2	27.0	26.1	26.6
8	27.0	26.2	26.6	30.3	28.8	29.4	29.0	28.7	28.8	26.5	25.9	26.1
9	27.0	26.1	26.6	30.1	29.2	29.4	29.5	28.6	28.9	26.5	25.9	26.2
10	27.3	26.3	26.8	29.2	28.5	28.9	30.1	29.4	29.6	26.8	25.6	25.9
11	27.0	26.5	26.8	29.6	28.6	28.9	30.1	29.6	29.9	26.1	25.2	25.6
12	27.2	26.4	26.8	31.1	28.9	29.6	31.1	29.8	30.2	25.7	24.9	25.3
13	28.6	26.9	27.5	30.7	29.2	29.8	30.6	30.2	30.4	25.5	25.1	25.2
14	29.9	27.6	28.6	29.7	28.6	29.2	31.0	30.1	30.4	25.2	25.0	25.1
15	30.1	28.7	29.4	30.1	28.7	29.2	31.8	30.8	31.1	25.2	24.8	25.0
16	30.0	28.9	29.6	30.4	28.8	29.5	32.3	31.5	31.7	26.0	24.8	25.3
17	29.6	28.9	29.2	30.8	29.2	30.0	32.6	31.6	31.9	25.3	25.1	25.2
18	28.9	27.6	28.3	31.2	29.6	30.3	31.8	30.7	31.3	25.8	25.1	25.4
19	27.6	27.2	27.4	31.4	29.8	30.5	31.5	30.6	30.9	27.2	25.7	26.3
20	27.3	26.8	27.0	32.1	30.0	30.8	32.2	31.1	31.6	27.8	26.8	27.3
21	27.6	26.7	27.0	31.9	30.6	31.3	32.6	31.8	32.1	27.6	26.4	27.0
22	28.0	26.9	27.4	31.6	30.0	30.9	32.4	32.1	32.2	27.6	26.5	26.9
23	28.7	27.4	27.9	31.8	30.9	31.1	32.4	31.4	31.8	27.8	26.5	27.0
24	28.6	27.7	28.0	31.8	30.8	31.0	31.4	30.6	31.0	27.6	27.1	27.4
25	28.0	26.6	27.5	31.3	30.5	30.9	30.6	29.2	30.0	27.8	27.3	27.4
26	26.8	26.4	26.6	31.9	30.9	31.3	29.2	28.0	28.5	28.5	27.1	27.6
27	27.6	26.6	27.0	32.8	31.5	32.1	28.6	27.9	28.2	28.1	27.8	27.9
28	27.6	27.1	27.4	33.6	32.2	32.5	29.5	28.4	28.8	28.0	27.1	27.7
29	27.6	27.0	27.2	33.2	32.8	32.9	30.5	29.2	29.6	28.0	26.7	27.4
30	29.2	27.4	28.0	32.9	32.2	32.6	30.4	29.7	30.1	27.4	27.0	27.2
31	---	---	---	32.2	31.4	31.8	30.1	29.4	29.8	---	---	---
MONTH	30.1	22.4	26.8	33.6	28.5	30.4	32.6	27.9	30.3	30.6	24.8	27.0

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, 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
1	8.7	7.8	8.1	6.2	5.7	6.0	9.8	9.3	9.6	11.7	9.1	11.2
2	8.8	7.7	8.2	6.0	5.3	5.7	10.0	9.6	9.7	11.8	10.8	11.4
3	8.5	8.0	8.2	6.5	5.1	5.7	10.4	9.6	10.0	11.5	8.5	10.9
4	8.1	7.4	7.6	6.0	4.8	5.4	10.6	9.8	10.1	11.4	10.9	11.2
5	7.5	6.8	7.1	6.4	5.0	5.6	10.3	9.8	10.1	11.0	10.1	10.7
6	7.5	6.6	7.0	5.6	4.7	5.3	10.8	9.7	10.0	11.0	9.5	10.7
7	7.5	6.9	7.2	8.3	5.0	6.1	10.4	9.6	9.8	---	---	---
8	7.7	7.1	7.4	8.8	8.1	8.4	10.5	9.8	10.0	12.2	8.3	10.7
9	8.2	7.4	7.7	9.4	8.4	8.6	10.5	9.5	10.0	12.4	8.2	10.4
10	8.1	7.3	7.6	9.4	8.7	8.9	10.1	9.5	9.7	11.7	8.0	10.0
11	8.3	7.2	7.8	9.3	8.7	9.0	10.1	9.4	9.7	11.5	8.3	10.0
12	8.6	7.3	8.0	9.1	5.5	8.5	10.5	9.4	9.9	11.4	7.4	9.6
13	8.6	7.0	8.0	9.0	5.3	7.7	11.0	10.2	10.4	11.4	7.4	10.0
14	8.3	7.3	7.9	9.7	8.6	9.1	10.7	10.2	10.4	10.6	7.6	9.5
15	8.6	7.2	7.8	9.8	9.0	9.4	10.8	10.2	10.6	10.3	7.0	8.8
16	8.4	7.5	7.9	9.9	9.2	9.4	11.0	10.2	10.6	10.5	7.4	9.5
17	8.7	7.7	8.2	10.1	9.4	9.6	10.7	7.8	10.4	11.1	7.3	9.5
18	8.9	7.7	8.2	10.1	9.2	9.5	11.0	7.4	10.3	11.1	7.6	9.9
19	8.5	7.4	8.1	10.1	9.1	9.4	11.2	10.2	10.6	11.2	7.8	10.0
20	8.4	6.9	7.7	9.8	9.1	9.4	11.7	10.8	11.3	11.6	8.0	10.6
21	8.1	6.5	7.5	9.8	9.1	9.4	11.6	8.6	11.2	11.7	8.6	10.8
22	7.9	6.5	7.2	9.9	8.9	9.4	11.6	8.2	10.8	11.7	11.3	11.4
23	7.7	6.4	6.9	9.9	9.0	9.5	11.3	8.4	10.6	12.3	11.3	11.6
24	7.4	6.7	7.0	9.7	8.8	9.2	10.8	10.0	10.5	12.3	11.9	12.1
25	7.0	6.6	6.8	9.2	8.6	8.9	11.1	9.2	10.8	12.3	11.8	12.1
26	7.0	6.2	6.6	9.5	8.7	9.0	11.7	10.6	11.2	12.3	11.6	12.0
27	6.6	5.9	6.5	9.5	9.0	9.3	11.9	11.3	11.5	12.2	10.6	11.6
28	7.1	6.4	6.6	9.5	9.0	9.3	11.8	9.4	11.4	12.2	11.6	11.9
29	6.4	6.0	6.2	9.6	8.6	9.4	11.8	11.1	11.4	11.9	11.6	11.8
30	6.5	5.8	6.2	10.1	6.8	9.0	11.7	10.8	11.3	12.0	11.6	11.9
31	6.2	5.6	5.9	---	---	---	11.9	10.5	11.2	11.9	10.2	11.3
MONTH	8.9	5.6	7.4	10.1	4.7	8.3	11.9	7.4	10.5	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.5	10.8	11.7	11.3	11.0	11.1	9.6	9.2	9.4	8.2	5.1	7.0
2	12.8	11.2	12.1	11.9	11.1	11.4	9.4	8.6	9.0	---	---	---
3	12.0	11.5	11.8	12.2	11.6	11.8	9.4	8.6	9.1	---	---	---
4	12.3	10.8	11.7	12.4	12.0	12.2	9.5	9.0	9.2	---	---	---
5	12.1	11.4	11.9	12.4	11.8	12.1	9.3	7.2	7.7	8.7	5.0	7.2
6	11.9	11.4	11.8	12.2	11.9	12.1	9.6	7.5	9.2	7.8	5.1	6.5
7	11.8	10.4	11.3	12.2	11.8	12.0	9.3	8.7	9.0	7.7	4.3	6.3
8	11.6	10.9	11.4	11.8	10.6	11.1	9.1	8.5	8.8	7.6	4.9	6.3
9	11.4	10.9	11.1	10.8	10.0	10.6	9.0	8.6	8.7	7.4	4.3	5.6
10	11.6	10.3	10.9	10.7	10.2	10.4	8.8	8.4	8.6	7.5	2.9	4.6
11	12.0	10.0	10.8	10.8	10.0	10.5	8.9	8.4	8.6	7.2	2.7	4.4
12	12.0	11.1	11.6	10.7	10.0	10.3	8.8	8.4	8.6	6.7	3.3	4.7
13	12.5	11.3	11.7	10.4	9.7	10.1	8.6	8.2	8.3	6.2	3.3	4.4
14	12.0	10.1	11.2	10.7	10.0	10.3	8.6	8.1	8.3	---	---	---
15	10.2	9.2	9.7	10.6	10.2	10.4	8.7	8.3	8.5	---	---	---
16	9.8	8.9	9.4	10.8	10.2	10.5	8.9	8.5	8.7	---	---	---
17	10.0	9.0	9.4	10.7	10.3	10.5	9.0	8.5	8.8	---	---	---
18	11.8	9.7	10.9	10.9	10.5	10.7	9.0	8.5	8.7	6.2	3.3	4.6
19	---	---	---	10.9	10.6	10.7	8.8	8.4	8.6	5.0	3.9	4.4
20	---	---	---	10.8	10.6	10.7	8.7	8.2	8.4	4.7	3.5	4.1
21	---	---	---	10.6	10.2	10.4	---	---	---	4.8	3.3	3.9
22	---	---	---	10.4	10.0	10.2	9.1	7.3	8.2	5.7	4.2	5.0
23	---	---	---	10.2	9.7	9.8	7.5	6.9	7.2	7.1	4.9	5.6
24	10.2	7.9	9.3	9.9	9.4	9.6	8.0	6.9	7.5	7.8	6.1	6.8
25	10.5	8.7	10.0	9.6	9.3	9.5	8.6	7.8	8.2	8.4	6.7	7.4
26	11.2	10.5	10.9	9.7	9.2	9.5	8.6	7.6	8.2	8.0	6.8	7.4
27	11.3	11.1	11.2	9.7	9.3	9.5	8.7	7.5	8.2	8.1	6.9	7.5
28	11.2	11.0	11.1	9.4	8.9	9.1	8.4	7.6	8.2	8.1	6.7	7.4
29	---	---	---	9.5	8.8	9.2	8.6	6.1	8.0	8.3	6.7	7.3
30	---	---	---	9.4	9.0	9.2	7.9	5.2	6.7	7.7	6.7	7.1
31	---	---	---	9.7	9.2	9.4	---	---	---	7.5	6.8	7.1
MONTH	---	---	---	12.4	8.8	10.5	---	---	---	---	---	---

SANTEE RIVER BASIN

02171639 REDIVERSION CANAL AT ST. STEPHENS, 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
1	7.8	6.4	6.9	7.8	6.8	7.3	6.2	3.7	4.8	7.1	4.5	6.1
2	7.5	6.7	7.3	7.7	6.6	7.3	5.2	4.1	4.7	7.1	5.2	6.2
3	7.5	6.4	7.1	7.4	6.4	6.9	6.3	3.9	5.0	7.1	3.9	6.0
4	7.5	6.9	7.2	7.3	6.2	6.7	6.5	4.8	5.8	7.2	4.7	6.2
5	7.8	7.1	7.5	7.3	6.3	6.8	6.4	4.7	5.7	7.1	5.3	6.3
6	7.9	7.3	7.6	7.0	6.0	6.5	6.8	4.0	5.7	6.7	5.0	6.3
7	8.5	7.3	7.8	6.6	5.9	6.2	6.2	4.5	5.7	6.9	5.0	6.0
8	8.0	7.0	7.4	6.8	5.6	6.2	7.3	4.7	5.8	7.3	5.4	6.4
9	7.4	6.6	7.0	6.7	6.0	6.2	7.3	5.2	6.1	7.0	4.8	6.0
10	7.8	6.1	6.9	6.3	5.7	6.0	7.3	5.1	6.4	6.2	4.9	5.7
11	7.7	7.0	7.4	6.6	5.7	6.1	7.3	5.2	6.5	6.4	4.9	5.8
12	7.4	6.2	7.0	7.1	6.1	6.5	7.2	5.6	6.5	7.7	5.6	6.4
13	7.3	6.6	7.0	6.9	6.3	6.6	7.3	5.9	6.5	7.7	6.4	7.0
14	7.5	5.7	6.7	6.7	6.2	6.4	7.2	5.7	6.5	7.0	6.2	6.5
15	7.1	5.4	6.5	6.8	5.9	6.3	7.2	5.6	6.7	6.8	4.7	6.3
16	7.0	5.3	6.3	7.3	6.0	6.6	6.7	5.7	6.3	8.8	4.7	6.5
17	7.2	5.2	6.2	7.2	6.4	6.8	6.7	5.1	6.0	6.1	4.3	5.4
18	6.6	5.0	5.8	7.2	6.3	6.8	6.7	5.1	5.8	5.4	2.8	4.1
19	6.9	4.2	5.7	7.2	6.3	6.7	7.1	4.7	6.1	6.0	2.7	3.7
20	6.7	4.6	5.7	7.2	6.2	6.7	7.7	5.7	6.6	5.9	1.9	3.1
21	6.9	4.2	5.5	7.3	6.3	6.7	7.7	6.3	7.0	5.5	1.7	2.8
22	6.9	3.9	5.8	6.6	5.8	6.2	7.6	5.4	6.7	3.8	0.4	1.7
23	7.3	5.1	6.0	6.6	5.4	6.0	7.2	5.6	6.5	2.8	0.4	0.6
24	6.8	5.0	5.8	7.1	5.2	6.1	7.0	4.3	5.4	2.2	0.5	0.7
25	7.2	5.0	5.7	6.9	5.3	6.2	6.4	4.6	5.4	2.1	0.5	0.7
26	6.6	4.0	5.5	7.1	5.7	6.5	7.2	4.8	6.0	6.0	0.3	2.3
27	6.9	4.2	5.5	7.0	5.9	6.6	7.1	5.7	6.6	5.2	2.3	3.4
28	7.1	5.4	6.2	7.0	5.4	6.3	7.4	6.2	6.8	4.0	0.4	2.5
29	7.0	5.7	6.4	6.8	5.7	6.1	7.6	5.8	6.8	3.7	0.3	1.5
30	7.4	5.9	6.7	6.7	5.4	6.0	7.6	6.6	7.2	0.9	0.3	0.4
31	---	---	---	5.6	4.4	4.9	7.8	6.0	6.8	---	---	---
MONTH	8.5	3.9	6.5	7.8	4.4	6.4	7.8	3.7	6.1	8.8	0.3	4.4