

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948, 1963-64, 1969 to current year.

PERIOD OF DAILY RECORD.--

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 Oct. 18-23, which are good, and Nov. 10-18, Feb 17-21, which are fair. pH records rated excellent except for Oct. 1 to Nov. 18, which are good. Temperature records rated excellent except for Oct. 1, Nov. 9-18, which are good. Dissolved oxygen records rated excellent except for Jan. 18-26, Apr. 27-29, May 17-29, Aug. 1-3, 16-19, Sep. 18-22, which are good, Oct. 6-22, Apr. 30 to May 2, May 30 to June 6, Aug. 20-22, which are fair, and Aug. 23-26, which is poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 471 microsiemens, Aug. 27, 1987; minimum, 16 microsiemens, Mar. 18, 1990.

pH: Maximum, 9.2 units, Jun. 25, 1986; minimum, 5.1 units, Aug. 6, 7, 1992, Apr. 27, 2002.

WATER TEMPERATURE: Maximum, 35.5°C, Jul. 13, 1992; minimum, less than 0.5°C, Dec. 24-26,1989, Jan. 20, 1994, Jan. 3, 4, 2001.

DISSOLVED OXYGEN: Maximum, 15.4 mg/L, Jan. 3, 2001, Jan. 11, 1993; minimum, 3.0 mg/L, Jul. 6, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 124 microsiemens, Sep. 29, 30; minimum, 24 microsiemens, July 9.

pH: Maximum, 8.1 units, May 9, 10, Sep. 14; minimum, 6.5 units, July 8.

WATER TEMPERATURE: Maximum, 30.9°C, July 27, 28; minimum, 3.4°C, Jan. 20.

DISSOLVED OXYGEN: Maximum measured, 14.4 mg/L, Dec. 28, 29; minimum measured, 6.0 mg/L, Oct. 21.

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	---	---	---	95	92	94	72	68	70	66	61	64
2	66	63	65	95	92	93	74	71	73	66	64	65
3	69	65	68	96	91	92	77	74	76	68	64	66
4	73	69	70	103	91	100	80	77	79	72	66	68
5	75	69	72	91	64	73	79	75	76	75	72	74
6	79	74	75	67	64	65	79	74	76	73	69	71
7	82	76	79	67	64	65	79	77	78	71	68	69
8	82	79	80	68	65	67	81	78	79	71	69	70
9	83	80	82	71	67	70	79	73	77	76	69	73
10	86	81	84	81	68	75	75	45	68	75	73	74
11	87	83	84	85	74	80	54	44	49	82	73	76
12	86	83	84	88	76	82	55	53	54	82	77	80
13	85	76	82	93	79	85	59	55	57	79	74	78
14	83	75	79	90	71	80	63	59	60	78	73	75
15	86	81	83	79	66	72	64	63	63	77	63	71
16	91	81	86	80	69	74	67	64	65	64	60	62
17	84	81	82	85	74	80	71	67	69	66	61	63
18	85	82	83	84	76	79	73	71	72	70	66	69
19	86	84	85	81	77	80	77	72	76	74	69	73
20	90	86	89	84	80	82	84	76	80	76	73	74
21	93	90	92	83	80	81	84	78	80	76	73	74
22	93	90	91	81	79	80	80	73	75	79	76	78
23	---	---	---	83	81	82	77	73	75	79	76	78
24	---	---	---	86	79	82	76	69	73	79	77	77
25	---	---	---	85	78	82	69	55	60	82	77	79
26	---	---	---	81	75	78	56	53	54	82	80	81
27	94	91	93	76	70	74	56	55	56	84	80	82
28	95	93	94	71	64	68	61	56	59	84	81	82
29	94	91	92	65	64	64	62	57	60	84	82	83
30	95	92	94	69	64	66	63	57	61	84	81	82
31	96	92	94	---	---	---	64	61	63	83	81	81
MONTH	---	---	---	103	64	78	84	44	68	84	60	74

02156500 BROAD RIVER NEAR CARLISLE, 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	88	82	85	75	56	67	61	56	59	---	---	---
2	88	87	88	64	52	58	64	61	63	---	---	---
3	89	85	87	64	60	62	66	64	65	80	77	79
4	85	81	83	69	64	66	68	66	67	78	76	77
5	85	82	83	73	69	71	70	68	69	81	76	78
6	85	81	83	75	73	74	72	70	71	84	78	81
7	83	82	82	78	75	77	72	71	72	83	81	82
8	85	81	83	81	75	76	73	71	72	84	81	83
9	87	84	85	78	75	76	75	72	74	86	83	84
10	88	84	87	77	74	76	75	72	73	86	82	84
11	86	82	83	79	75	77	77	70	72	87	84	86
12	83	80	81	82	76	79	79	75	76	87	81	85
13	83	80	81	84	81	83	---	---	---	90	79	83
14	87	82	84	81	79	80	---	---	---	87	83	84
15	89	87	88	85	80	83	69	63	66	89	84	86
16	93	85	89	86	81	83	67	63	65	89	86	88
17	101	93	98	81	77	79	66	63	64	90	85	88
18	103	91	97	80	78	79	69	65	67	86	83	85
19	102	91	99	79	76	78	71	69	70	87	84	85
20	96	89	94	79	77	78	72	71	71	87	82	85
21	102	87	93	82	78	80	75	71	72	85	81	83
22	90	85	88	88	81	83	80	74	77	90	84	87
23	88	83	85	83	78	81	80	74	78	86	83	84
24	83	76	80	82	78	80	83	77	81	84	82	83
25	80	77	78	78	74	76	85	81	83	83	80	81
26	81	79	80	77	75	76	86	80	84	87	80	84
27	81	79	80	78	74	75	80	76	77	90	84	88
28	82	74	76	74	55	63	80	77	79	90	87	88
29	---	---	---	55	46	48	82	80	81	93	88	90
30	---	---	---	51	47	50	91	79	85	105	93	95
31	---	---	---	58	51	54	---	---	---	94	88	90
MONTH	103	74	86	88	46	73	---	---	---	---	---	---

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	95	86	90	63	61	62	81	79	80	83	80	81
2	86	75	78	67	63	64	79	78	78	85	81	82
3	76	70	73	70	66	67	78	74	76	89	84	86
4	70	68	69	72	70	71	77	73	75	90	87	89
5	72	67	70	71	63	69	---	---	---	89	87	88
6	71	68	70	63	54	58	---	---	---	90	87	87
7	73	70	71	57	54	55	---	---	---	94	89	90
8	73	70	72	54	26	42	---	---	---	96	84	89
9	76	73	74	40	24	33	---	---	---	96	85	92
10	81	73	76	48	40	43	---	---	---	94	84	87
11	81	75	77	51	48	49	---	---	---	85	81	84
12	80	75	79	52	48	50	67	56	62	87	80	83
13	79	77	77	55	51	53	71	67	70	91	87	88
14	78	75	77	56	53	55	75	70	73	99	90	93
15	76	72	74	59	55	57	78	73	75	95	90	92
16	73	72	73	55	49	51	81	77	79	103	95	98
17	76	73	75	59	54	56	79	76	77	106	103	105
18	78	74	76	64	59	61	89	77	83	109	105	107
19	83	77	79	67	64	66	88	82	86	106	99	101
20	85	81	83	67	65	66	92	84	89	102	97	99
21	85	79	82	71	66	69	84	81	82	106	97	99
22	91	84	88	75	71	74	82	78	80	109	97	102
23	84	81	82	78	73	76	84	80	81	114	109	112
24	83	79	81	---	---	---	92	83	86	116	111	113
25	87	83	84	---	---	---	98	78	90	116	106	112
26	94	87	89	77	75	76	---	---	---	112	106	109
27	96	91	93	81	74	77	85	81	83	112	109	110
28	96	89	92	81	78	79	90	81	85	117	110	114
29	93	61	70	79	75	77	90	85	87	124	116	119
30	62	60	62	81	76	78	90	87	88	124	118	121
31	---	---	---	80	79	79	87	82	84	---	---	---
MONTH	96	60	78	---	---	---	---	---	---	124	80	98

SANTEE RIVER BASIN

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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	7.2	7.3	7.0	7.5	7.4	7.3	7.2	7.5	7.4	7.3	7.2
2	7.2	7.2	7.3	6.9	7.5	7.4	7.3	7.2	7.5	7.4	7.2	7.2
3	7.3	7.2	7.3	7.0	7.5	7.4	7.3	7.2	7.4	7.4	7.3	7.2
4	7.3	7.1	7.3	7.2	7.5	7.4	7.3	7.2	7.4	7.4	7.4	7.3
5	7.3	6.7	7.2	6.8	7.5	7.3	7.4	7.3	7.4	7.4	7.4	7.3
6	7.3	6.8	7.0	6.8	7.4	7.3	7.4	7.3	7.5	7.4	7.5	7.4
7	7.2	7.1	7.1	7.0	7.4	7.3	7.4	7.3	7.5	7.4	7.5	7.4
8	7.1	6.8	7.2	7.0	7.5	7.4	7.4	7.3	7.5	7.4	7.4	7.3
9	7.2	7.0	7.2	7.0	7.4	7.3	7.4	7.3	7.5	7.4	7.4	7.4
10	7.4	7.1	7.3	7.0	7.4	6.8	7.5	7.3	7.6	7.4	7.5	7.4
11	7.3	7.0	7.2	7.0	6.9	6.8	7.4	7.3	7.6	7.4	7.5	7.4
12	7.2	6.9	7.3	7.1	7.0	6.9	7.5	7.3	7.7	7.4	7.6	7.4
13	7.3	6.9	7.4	7.2	7.1	7.0	7.5	7.4	7.6	7.4	7.7	7.4
14	7.4	7.3	7.4	7.2	7.1	7.1	7.4	7.3	7.5	7.4	7.6	7.4
15	7.4	7.2	7.3	7.1	7.2	7.1	7.3	7.2	7.6	7.3	7.8	7.4
16	7.4	7.2	7.3	7.1	7.2	7.2	7.2	7.2	7.7	7.4	7.5	7.4
17	7.2	6.9	7.4	7.1	7.2	7.2	7.3	7.2	7.8	7.5	7.4	7.3
18	7.2	6.7	7.4	7.2	7.2	7.2	7.4	7.3	7.8	7.5	7.4	7.4
19	7.3	6.8	7.4	7.4	7.3	7.2	7.4	7.3	7.8	7.5	7.5	7.4
20	7.2	6.9	7.4	7.4	7.3	7.3	7.4	7.4	7.7	7.5	7.6	7.4
21	7.3	7.1	7.4	7.4	7.3	7.3	7.4	7.3	7.5	7.3	7.6	7.4
22	7.2	6.8	7.4	7.3	7.3	7.3	7.4	7.4	7.5	7.4	7.6	7.4
23	---	---	7.4	7.3	7.3	7.3	7.4	7.4	7.6	7.4	7.5	7.4
24	---	---	7.4	7.4	7.3	7.3	7.4	7.3	7.4	7.4	7.5	7.4
25	---	---	7.5	7.4	7.3	7.2	7.4	7.4	7.4	7.4	7.5	7.3
26	---	---	7.5	7.4	7.2	7.2	7.5	7.4	7.5	7.4	7.5	7.4
27	7.1	6.9	7.4	7.4	7.2	7.2	7.5	7.4	7.5	7.4	7.4	7.3
28	7.1	6.9	7.4	7.4	7.3	7.2	7.5	7.4	7.4	7.3	7.3	6.9
29	7.1	7.0	7.4	7.4	7.3	7.2	7.5	7.4	---	---	7.0	6.8
30	7.3	7.0	7.5	7.4	7.3	7.2	7.5	7.4	---	---	6.9	6.7
31	7.3	7.1	---	---	7.3	7.2	7.5	7.4	---	---	6.8	6.8
MONTH	---	---	7.5	6.8	7.5	6.8	7.5	7.2	7.8	7.3	7.8	6.7

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.9	6.8	7.4	7.1	7.6	7.4	7.1	7.1	7.2	7.1	7.6	7.3
2	7.0	6.9	7.8	7.1	7.5	7.3	7.1	7.1	7.2	7.2	7.6	7.3
3	7.0	7.0	7.8	7.5	7.4	7.3	7.1	7.1	7.3	7.2	7.6	7.3
4	7.1	7.0	8.0	7.5	7.4	7.3	7.2	7.1	7.3	7.2	7.6	7.3
5	7.1	7.0	7.8	7.5	7.4	7.3	7.2	7.1	---	---	7.6	7.3
6	7.2	7.0	7.8	7.5	7.4	7.1	7.2	7.1	---	---	7.6	7.3
7	7.2	7.1	7.9	7.5	7.4	7.1	7.2	7.1	---	---	7.7	7.3
8	7.2	7.1	8.0	7.5	7.4	7.1	7.2	6.5	---	---	7.6	7.4
9	7.2	7.1	8.1	7.4	7.3	7.1	6.7	6.6	---	---	7.7	7.4
10	7.2	7.1	8.1	7.4	7.1	7.0	6.8	6.7	---	---	7.7	7.4
11	7.2	7.1	7.8	7.5	7.1	7.0	7.0	6.8	---	---	7.7	7.4
12	7.1	7.1	8.0	7.4	7.1	7.0	6.9	6.8	7.1	6.9	7.8	7.3
13	7.2	7.1	7.7	7.4	7.1	7.1	7.0	6.9	7.2	7.1	7.8	7.3
14	7.2	7.2	7.7	7.4	7.2	7.1	7.1	7.0	7.3	7.2	8.1	7.3
15	7.2	7.2	7.7	7.4	7.2	7.1	7.1	7.0	7.3	7.2	7.8	7.3
16	7.2	7.1	7.8	7.4	7.2	7.1	7.0	6.8	7.3	7.2	7.7	7.3
17	7.2	7.1	7.7	7.4	7.2	7.1	7.0	6.9	7.3	7.2	7.7	7.3
18	7.2	7.1	7.7	7.4	7.2	7.1	7.0	6.9	7.4	7.2	7.7	7.3
19	7.1	7.1	7.6	7.4	7.2	7.2	7.1	7.0	7.4	7.3	7.7	7.3
20	7.2	7.0	7.5	7.4	7.3	7.2	7.1	7.0	7.4	7.2	7.6	7.3
21	7.1	7.1	7.5	7.4	7.2	7.1	7.1	7.0	7.4	7.2	7.7	7.3
22	7.2	7.0	7.6	7.4	7.2	7.2	7.2	7.1	7.3	7.2	7.5	7.4
23	7.3	7.0	7.5	7.4	7.2	7.2	7.2	7.1	7.5	7.2	7.7	7.3
24	7.4	7.1	7.6	7.4	7.3	7.1	7.2	7.1	7.3	7.3	7.6	7.3
25	7.4	7.1	7.7	7.5	7.3	7.1	7.2	7.1	7.5	7.3	7.6	7.4
26	7.4	7.2	7.7	7.5	7.4	7.2	7.2	7.1	7.3	7.2	7.6	7.4
27	7.4	7.2	7.7	7.5	7.3	7.2	7.2	7.1	7.5	7.3	7.7	7.4
28	7.4	7.2	7.6	7.5	7.3	7.2	7.3	7.2	7.7	7.3	7.6	7.3
29	7.5	7.2	7.6	7.5	7.2	7.0	7.3	7.2	7.5	7.3	7.7	7.4
30	7.4	7.2	7.5	7.4	7.1	7.1	7.2	7.1	7.5	7.4	7.6	7.4
31	---	---	7.7	7.4	---	---	7.2	7.2	7.6	7.3	---	---
MONTH	7.5	6.8	8.1	7.1	7.6	7.0	7.3	6.5	---	---	8.1	7.3

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, 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	21.6	20.7	21.1	20.5	19.2	19.7	10.8	10.0	10.4	7.4	6.2	6.8
2	21.8	21.0	21.4	20.8	19.4	20.0	10.4	9.7	10.1	8.5	7.2	7.8
3	22.0	21.1	21.6	20.8	19.7	20.3	10.0	9.2	9.6	9.2	8.3	8.7
4	22.3	21.4	21.9	20.7	19.7	20.4	9.4	8.6	9.0	10.0	9.0	9.5
5	22.2	21.3	21.7	19.7	17.1	18.3	8.7	8.0	8.3	11.0	9.8	10.4
6	21.9	20.4	21.0	17.1	15.8	16.4	8.4	8.2	8.3	12.0	10.9	11.4
7	20.8	20.1	20.4	15.8	14.9	15.3	10.0	8.4	9.1	12.1	11.2	11.8
8	20.3	19.3	19.8	15.0	14.3	14.7	10.8	9.8	10.4	12.4	11.8	12.1
9	19.9	19.2	19.6	14.4	13.6	14.0	11.3	10.6	10.9	12.1	11.6	11.8
10	20.3	19.3	19.9	13.7	12.8	13.2	11.7	10.9	11.3	11.8	10.9	11.4
11	20.7	19.7	20.2	12.9	12.2	12.6	11.3	10.9	11.1	11.4	10.7	11.1
12	20.5	19.9	20.2	12.7	12.2	12.4	10.9	10.4	10.6	12.1	11.0	11.5
13	20.8	20.2	20.5	12.8	12.3	12.6	10.4	9.8	10.1	13.3	11.7	12.3
14	20.3	19.7	20.0	12.6	11.9	12.4	9.8	8.3	9.0	13.3	13.0	13.2
15	19.9	18.7	19.4	12.0	11.0	11.6	8.3	6.9	7.5	13.1	11.1	12.2
16	18.7	17.8	18.2	11.5	10.6	10.9	6.9	6.1	6.4	11.1	9.5	10.2
17	17.9	16.9	17.4	10.8	9.7	10.3	6.2	5.6	5.9	9.5	7.5	8.5
18	18.0	17.2	17.5	10.5	9.6	10.2	6.1	5.4	5.8	7.5	5.9	6.6
19	18.2	17.1	17.6	11.7	10.4	11.0	6.1	5.5	5.8	5.9	4.2	4.8
20	18.5	17.5	17.9	13.0	11.7	12.3	5.6	4.3	4.8	4.3	3.4	4.0
21	18.1	17.8	18.0	14.1	13.0	13.6	4.5	3.9	4.2	5.2	4.2	4.7
22	18.4	17.8	18.1	14.8	14.1	14.4	5.0	3.5	4.2	5.2	5.0	5.1
23	---	---	---	15.2	14.8	15.0	6.8	5.0	6.1	5.3	4.5	4.9
24	---	---	---	15.8	15.2	15.6	7.4	6.4	6.8	4.7	3.9	4.3
25	---	---	---	15.8	14.6	15.4	7.4	6.7	7.2	4.4	3.6	4.0
26	---	---	---	14.6	12.8	13.7	6.7	5.3	6.0	5.5	4.2	4.8
27	18.0	17.6	17.7	12.8	11.1	11.7	5.3	4.6	5.0	6.2	5.2	5.7
28	17.9	17.6	17.7	11.1	10.4	10.7	4.7	4.0	4.4	5.8	5.4	5.6
29	17.6	17.4	17.5	10.4	9.7	10.1	4.8	3.9	4.4	5.5	4.5	4.9
30	18.6	17.6	18.1	10.0	9.4	9.7	5.7	4.6	5.1	4.9	4.4	4.6
31	19.5	18.2	18.9	---	---	---	6.3	5.4	5.8	5.4	4.5	5.0
MONTH	---	---	---	20.8	9.4	13.9	11.7	3.5	7.5	13.3	3.4	8.1

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	5.9	5.0	5.4	8.2	7.4	7.7	14.3	14.1	14.2	18.5	16.8	17.8
2	5.6	5.3	5.5	7.6	6.8	7.2	14.8	13.9	14.3	19.1	17.5	18.5
3	5.5	5.2	5.3	7.8	6.6	7.2	14.2	13.0	13.7	18.9	17.4	18.3
4	6.0	5.1	5.5	8.1	6.7	7.6	14.6	13.0	13.9	18.9	17.3	18.3
5	6.2	5.0	5.7	9.2	7.7	8.5	15.8	13.8	14.9	18.8	17.5	17.9
6	6.8	5.6	6.3	10.0	8.5	9.3	16.6	14.9	15.9	18.0	16.7	17.5
7	7.5	6.2	6.9	10.8	9.2	10.1	17.1	16.2	16.6	18.6	16.8	17.8
8	8.3	7.1	7.6	11.6	10.7	11.1	17.4	16.8	17.0	19.7	17.9	18.9
9	8.9	8.3	8.5	11.1	10.0	10.6	18.0	16.8	17.4	20.8	19.2	20.1
10	9.7	8.6	9.0	10.6	9.4	10.1	18.4	17.0	17.8	21.5	20.3	20.8
11	9.2	8.2	8.7	10.2	9.5	9.9	19.0	17.4	18.3	22.2	20.4	21.2
12	8.4	7.3	7.9	10.8	9.1	10.1	18.8	18.1	18.4	23.4	21.0	22.3
13	7.7	7.2	7.3	12.2	10.3	11.3	18.2	16.4	17.3	23.2	22.2	22.6
14	7.5	7.2	7.3	12.5	12.0	12.2	16.4	15.2	15.9	23.1	22.0	22.6
15	8.1	7.5	7.8	12.5	11.6	12.1	15.4	14.6	15.0	23.3	22.5	23.0
16	10.1	8.1	9.2	12.3	10.5	11.3	15.4	14.5	15.0	23.2	22.2	22.8
17	10.8	10.0	10.3	10.5	9.0	9.7	16.1	14.2	15.3	22.9	22.2	22.5
18	10.3	9.7	10.0	9.5	8.3	9.0	16.7	14.8	15.9	23.1	22.0	22.5
19	10.1	9.1	9.7	10.3	8.6	9.5	17.7	16.0	16.9	23.1	22.1	22.6
20	9.7	9.3	9.6	11.6	9.5	10.6	18.7	17.0	17.9	22.8	21.5	22.0
21	9.7	9.2	9.5	12.1	10.9	11.6	19.7	17.8	18.8	22.0	20.8	21.6
22	10.3	9.2	9.7	12.0	11.2	11.6	20.5	18.9	19.8	22.4	21.0	21.9
23	11.1	9.6	10.4	12.9	11.3	12.1	20.6	19.1	19.9	22.9	21.3	22.3
24	11.0	10.6	10.8	13.7	12.2	13.0	19.1	17.5	18.3	22.8	21.8	22.3
25	11.0	10.2	10.5	14.6	13.0	13.9	17.6	16.3	17.1	22.1	21.3	21.6
26	10.8	9.6	10.3	15.2	14.3	14.8	17.0	15.6	16.1	22.1	21.0	21.7
27	10.3	9.6	9.9	15.2	14.9	15.1	16.6	15.4	16.1	22.7	21.4	22.1
28	9.6	8.2	8.7	14.9	13.4	14.3	16.9	15.0	16.1	23.4	22.1	22.6
29	---	---	---	13.4	12.6	12.9	17.6	16.3	17.0	23.1	21.7	22.4
30	---	---	---	14.4	13.1	13.8	17.6	17.0	17.4	22.0	20.4	21.2
31	---	---	---	14.4	14.0	14.2	---	---	---	21.8	20.4	21.0
MONTH	11.1	5.0	8.3	15.2	6.6	11.0	20.6	13.0	16.6	23.4	16.7	21.0

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, 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
	JUNE			JULY			AUGUST			SEPTEMBER		
1	21.0	19.9	20.5	26.7	25.1	25.9	25.8	25.1	25.5	28.9	27.0	27.8
2	19.9	18.7	19.3	27.5	25.7	26.6	26.6	25.0	25.9	28.7	26.6	27.5
3	18.7	18.4	18.6	27.2	26.4	26.6	27.3	25.5	26.6	28.3	26.3	27.2
4	20.4	18.3	19.3	26.6	25.9	26.3	28.3	27.0	27.6	28.1	25.8	26.9
5	22.7	20.1	21.4	27.0	25.7	26.5	---	---	---	27.1	25.1	26.2
6	24.4	22.0	23.3	26.8	25.6	26.2	---	---	---	25.8	24.2	25.1
7	25.2	23.6	24.5	25.9	24.8	25.5	---	---	---	25.1	23.5	24.4
8	25.7	24.1	25.0	25.6	22.6	23.7	---	---	---	25.5	23.7	24.4
9	26.8	24.9	25.8	23.6	22.5	23.0	---	---	---	25.8	23.1	24.4
10	26.4	25.0	25.7	24.3	23.3	23.8	---	---	---	25.6	22.8	24.2
11	25.4	24.8	25.1	24.8	23.8	24.3	---	---	---	25.2	23.2	24.1
12	25.5	24.8	25.1	25.9	24.3	25.1	28.1	26.0	27.0	24.9	22.6	23.8
13	26.1	25.0	25.6	26.1	25.2	25.7	28.4	27.3	28.0	25.0	22.7	24.0
14	27.2	25.2	26.3	25.8	24.9	25.4	29.0	27.8	28.4	25.9	23.7	24.7
15	27.8	25.9	26.9	25.6	24.9	25.2	29.4	27.9	28.7	26.3	23.7	25.1
16	27.8	26.2	27.2	25.5	24.1	24.8	29.6	28.4	29.1	27.3	24.7	25.8
17	27.6	26.2	26.9	26.5	25.0	25.7	30.3	29.0	29.6	27.8	25.3	26.3
18	26.9	25.8	26.5	27.7	25.7	26.7	29.7	29.0	29.3	27.8	24.9	26.4
19	26.8	25.2	25.9	28.5	26.6	27.6	29.5	28.9	29.3	27.8	25.1	26.5
20	25.5	24.0	24.9	28.8	27.2	28.0	29.5	28.4	29.1	27.6	25.3	26.5
21	24.9	23.2	24.2	29.3	27.6	28.5	29.7	28.5	29.3	28.1	25.6	27.0
22	25.1	23.1	24.3	29.5	28.0	28.8	29.6	28.2	29.0	27.6	25.9	26.7
23	25.6	23.9	24.9	29.4	28.3	29.0	29.8	28.2	28.8	28.0	25.7	26.8
24	26.0	24.9	25.5	29.4	28.4	29.0	28.7	27.6	28.2	27.2	25.1	26.3
25	26.3	25.3	25.9	29.6	28.2	29.1	28.4	27.2	27.7	26.6	25.6	26.2
26	26.6	25.5	26.0	30.2	28.7	29.6	27.5	26.3	26.9	26.1	25.1	25.6
27	27.4	25.7	26.4	30.9	29.6	30.3	27.8	26.3	26.8	26.4	24.7	25.6
28	27.0	25.4	26.5	30.9	29.8	30.3	28.4	26.4	27.3	26.0	24.4	25.1
29	25.4	24.4	24.7	30.1	28.3	29.2	28.3	27.0	27.6	26.0	24.2	25.0
30	25.8	23.9	24.9	28.3	26.6	27.3	27.9	27.2	27.5	24.8	23.1	23.9
31	---	---	---	26.6	25.7	26.1	28.4	27.2	27.6	---	---	---
MONTH	27.8	18.3	24.6	30.9	22.5	26.8	---	---	---	28.9	22.6	25.6

02156500 BROAD RIVER NEAR CARLISLE, 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	---	---	---	9.8	7.9	8.7	12.0	11.7	11.8	12.7	12.3	12.6			
2	---	---	---	8.5	7.6	8.0	12.1	11.0	11.6	12.4	11.8	12.2			
3	---	---	---	8.4	7.4	8.0	11.6	11.1	11.3	11.8	11.4	11.7			
4	---	---	---	9.0	7.1	8.0	11.8	11.2	11.5	11.6	11.1	11.4			
5	---	---	---	---	---	---	11.9	11.5	11.7	11.3	10.8	11.2			
6	---	---	---	---	---	---	11.9	11.6	11.8	10.9	10.5	10.8			
7	9.1	7.3	8.3	---	---	---	11.8	11.3	11.6	10.8	10.5	10.7			
8	8.7	7.1	8.0	---	---	---	11.5	11.1	11.3	10.6	10.4	10.5			
9	9.2	7.8	8.4	---	---	---	11.1	10.8	11.0	10.8	10.4	10.6			
10	9.0	7.6	8.2	---	---	---	12.0	10.4	11.2	10.9	10.4	10.6			
11	8.7	7.7	8.1	---	---	---	12.0	11.7	11.9	10.9	10.4	10.6			
12	8.4	6.9	7.7	---	---	---	11.7	11.6	11.7	10.9	10.4	10.7			
13	8.1	6.4	7.3	---	---	---	11.8	11.6	11.7	10.6	9.9	10.4			
14	8.4	7.1	7.7	---	---	---	12.3	11.8	12.0	10.4	9.8	10.1			
15	8.5	7.2	7.9	---	---	---	12.8	12.3	12.6	11.0	10.4	10.7			
16	8.9	6.9	7.9	---	---	---	13.2	12.8	13.1	11.2	11.0	11.1			
17	8.5	6.7	7.6	---	---	---	13.4	13.1	13.3	11.7	11.2	11.5			
18	8.3	6.6	7.7	---	---	---	13.3	13.0	13.2	12.3	11.7	12.1			
19	7.6	6.5	7.2	12.1	11.4	11.8	13.2	12.9	13.1	12.9	12.3	12.7			
20	8.0	6.2	7.1	11.5	11.0	11.3	13.7	13.0	13.4	13.1	12.7	12.9			
21	7.8	6.0	7.0	11.2	10.7	11.0	14.1	13.4	13.8	12.8	12.4	12.6			
22	---	---	---	10.8	10.3	10.6	14.3	13.7	14.1	12.5	12.2	12.4			
23	---	---	---	10.4	10.2	10.3	13.7	12.9	13.3	12.6	12.2	12.4			
24	---	---	---	10.3	9.9	10.1	13.4	13.0	13.2	12.9	12.3	12.6			
25	---	---	---	10.4	9.9	10.1	13.4	13.1	13.2	13.0	12.3	12.6			
26	---	---	---	11.0	10.4	10.8	13.8	13.4	13.6	12.7	11.7	12.3			
27	9.2	7.9	8.6	11.5	11.0	11.4	14.1	13.8	14.0	11.9	11.6	11.8			
28	9.5	9.0	9.2	11.8	11.5	11.7	14.4	14.1	14.2	12.2	11.7	11.9			
29	9.4	8.6	9.0	12.2	11.7	12.0	14.4	13.6	14.1	12.3	11.9	12.1			
30	10.2	8.7	9.3	12.2	11.8	12.0	13.6	13.1	13.5	12.4	12.2	12.3			
31	10.0	8.4	9.1	---	---	---	13.1	12.7	13.0	12.7	12.3	12.4			
MONTH	---	---	---	---	---	---	14.4	10.4	12.6	13.1	9.8	11.6			

DAY	MAX	MIN	MEAN	FEBRUARY			MARCH			APRIL			MAY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.6	12.0	12.3	12.6	12.1	12.4	10.7	10.4	10.6	9.9	9.1	9.5			
2	12.5	12.1	12.3	12.8	12.1	12.5	10.6	10.2	10.4	10.1	9.1	9.4			
3	12.3	12.2	12.3	12.7	11.9	12.4	10.9	10.5	10.7	10.3	9.2	9.7			
4	12.6	12.3	12.4	12.6	11.7	12.2	10.8	10.3	10.6	10.6	9.3	9.9			
5	12.7	12.2	12.4	12.2	11.6	12.0	10.6	10.1	10.3	10.3	9.4	9.8			
6	12.6	12.0	12.3	12.2	11.4	11.9	10.4	9.8	10.1	10.6	9.6	10.1			
7	12.4	11.7	12.0	11.8	11.0	11.4	10.0	9.7	9.9	10.6	9.4	10.0			
8	12.1	11.3	11.8	11.1	10.5	10.8	10.0	9.7	9.8	10.6	9.2	9.9			
9	11.7	11.3	11.4	11.5	11.0	11.2	9.9	9.4	9.7	10.6	9.0	9.7			
10	11.6	11.3	11.4	11.8	11.1	11.5	10.2	9.6	9.9	10.3	8.7	9.4			
11	12.0	11.4	11.7	11.8	10.9	11.4	9.9	9.2	9.6	10.1	8.8	9.3			
12	12.4	11.6	12.0	12.0	11.0	11.5	9.6	9.3	9.4	9.9	8.5	9.1			
13	12.4	11.7	12.1	12.0	10.8	11.5	10.2	9.6	9.7	9.5	8.4	8.8			
14	12.3	11.8	12.1	11.0	10.4	10.7	10.9	10.2	10.6	9.3	8.3	8.8			
15	12.4	11.6	11.9	11.9	10.6	11.2	11.2	10.9	11.1	9.2	8.2	8.6			
16	12.0	11.0	11.7	11.5	10.9	11.3	11.2	10.8	11.0	9.3	8.2	8.7			
17	11.8	10.9	11.2	12.3	11.5	11.9	11.2	10.7	11.0	9.3	8.4	8.7			
18	12.2	10.9	11.4	12.6	11.8	12.2	11.6	10.8	11.2	9.3	8.4	8.7			
19	12.4	11.1	11.7	12.6	11.8	12.2	11.6	10.9	11.3	9.1	8.3	8.7			
20	12.3	11.4	11.8	12.5	11.4	12.0	11.2	10.7	11.0	8.7	8.3	8.5			
21	11.7	11.2	11.5	11.7	10.8	11.3	11.1	10.3	10.8	9.0	8.3	8.7			
22	12.0	11.4	11.7	11.7	11.0	11.3	10.7	9.8	10.2	8.8	8.5	8.7			
23	11.9	10.8	11.5	11.5	10.8	11.1	10.2	9.7	9.9	8.8	8.2	8.5			
24	11.0	10.8	10.9	11.6	11.0	11.3	10.5	9.8	10.1	8.9	8.2	8.5			
25	11.3	10.8	11.1	11.3	10.6	11.0	10.5	9.9	10.1	9.5	8.3	8.8			
26	11.5	10.9	11.2	11.0	10.4	10.7	10.5	9.9	10.2	9.5	8.5	8.9			
27	11.6	11.1	11.4	10.5	10.3	10.4	10.6	9.9	10.2	9.1	8.4	8.7			
28	12.1	11.2	11.5	11.8	9.4	10.8	10.8	9.6	10.2	8.8	8.3	8.5			
29	---	---	---	12.2	11.8	12.1	10.3	9.3	9.7	8.8	8.2	8.5			
30	---	---	---	12.1	10.8	11.5	9.6	9.3	9.4	8.6	8.3	8.4			
31	---	---	---	10.8	10.5	10.7	---	---	---	9.2	8.3	8.6			
MONTH	12.7	10.8	11.8	12.8	9.4	11.5	11.6	9.2	10.3	10.6	8.2	9.0			

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, 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	9.0	8.4	8.7	8.4	7.4	7.9	7.6	7.4	7.5	7.7	7.0	7.3
2	9.6	8.6	8.8	7.6	7.2	7.4	7.7	7.5	7.6	7.7	7.1	7.3
3	9.8	8.8	9.2	7.3	7.2	7.3	7.6	7.0	7.3	7.8	7.1	7.4
4	9.1	8.6	9.0	7.4	7.2	7.3	7.3	6.9	7.1	8.0	7.3	7.6
5	8.6	8.1	8.5	7.8	7.3	7.6	---	---	---	8.3	7.4	7.8
6	8.2	7.5	8.0	7.8	7.6	7.7	---	---	---	8.5	7.5	7.9
7	8.2	7.5	7.7	7.9	7.7	7.8	---	---	---	8.8	7.5	8.0
8	8.2	7.3	7.9	9.6	7.7	9.0	---	---	---	8.4	7.7	8.0
9	7.7	7.2	7.3	9.6	8.9	9.3	---	---	---	8.6	7.9	8.2
10	7.3	7.1	7.2	8.9	7.7	8.3	---	---	---	8.8	7.9	8.2
11	7.1	7.0	7.1	8.6	7.6	7.9	---	---	---	8.9	7.9	8.3
12	7.2	7.0	7.1	7.7	7.5	7.6	7.0	6.9	6.9	9.1	8.0	8.5
13	7.2	7.1	7.1	7.9	7.5	7.6	7.2	6.9	7.1	9.2	7.7	8.4
14	7.2	7.1	7.1	8.0	7.5	7.7	7.3	7.0	7.2	9.6	7.7	8.4
15	7.2	7.0	7.1	8.6	7.8	8.0	7.5	7.0	7.2	9.0	7.7	8.2
16	7.1	6.9	7.0	8.6	7.7	8.1	7.5	7.0	7.2	8.6	7.5	7.9
17	7.3	6.9	7.1	7.7	7.3	7.5	7.6	7.0	7.2	8.3	7.4	7.8
18	7.4	7.1	7.2	7.5	7.2	7.3	7.6	7.1	7.3	8.3	7.3	7.7
19	7.5	7.1	7.3	7.4	7.1	7.3	7.7	7.1	7.3	8.6	7.3	7.8
20	7.7	7.3	7.5	7.4	7.1	7.3	7.5	7.1	7.3	8.4	7.3	7.7
21	7.8	7.5	7.6	7.2	6.9	7.1	7.7	7.2	7.4	8.5	7.2	7.7
22	7.9	7.6	7.8	7.0	6.8	6.9	7.7	7.2	7.4	8.0	7.1	7.5
23	7.9	7.3	7.6	7.0	6.7	6.9	7.9	7.3	7.5	8.0	7.0	7.4
24	7.7	7.3	7.5	7.2	6.7	7.0	7.6	7.4	7.5	8.1	7.0	7.5
25	7.8	7.3	7.5	7.2	6.9	7.0	8.1	7.5	7.8	8.2	7.2	7.6
26	7.7	7.4	7.5	7.2	6.6	7.0	7.8	7.6	7.7	8.0	7.3	7.5
27	7.5	7.2	7.3	7.3	6.6	7.0	---	---	---	8.4	7.4	7.7
28	8.2	7.1	7.4	7.1	6.8	6.9	---	---	---	8.2	7.3	7.7
29	8.6	8.2	8.4	7.2	6.9	7.0	---	---	---	8.5	7.7	7.9
30	8.7	8.3	8.6	7.5	7.0	7.3	---	---	---	8.5	7.7	8.1
31	---	---	---	7.8	7.4	7.6	---	---	---	---	---	---
MONTH	9.8	6.9	7.7	9.6	6.6	7.5	---	---	---	9.6	7.0	7.8