

02160105 TYGER RIVER NEAR DELTA, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972 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.--USGS mini-monitor and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Oct. 1 to Dec. 24, Mar. 1-17, Apr. 10 to June 3, June 16 to Aug. 13, which are good, and Aug. 27, Sep. 22, 23, which are poor. pH records rated excellent except for Mar. 17-21, June 9-14, June 25 to July 5, July 23 to Aug. 10, which are good, June 15, July 6, 7, Aug 11-13, which are fair, May 21 to June 3, which are poor. Temperature records rated excellent except for Jan. 5 to Feb. 2, which are good. Dissolved oxygen records rated good except for Nov. 13-27, Dec. 24 to Mar. 9, Aug. 28 to Sep. 6, which are excellent. Oct. 7-21, Dec. 11-22, Mar. 31 to Apr. 5 10-12, 17, 18, May, 22-25, June 4-8, Aug. 11-13, Sep. 16-24, which are fair, Dec. 23, Apr. 6-9, May 26 to June 3, Sep. 25-30, which are poor.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 291 microsiemens, Aug. 31, 1988; minimum, 13 microsiemens, Oct. 9, 10, 1976.

pH: Maximum, 9.4 units, Aug. 9, 10, 2002; minimum 5.6 units, Jul. 17, 1989.

WATER TEMPERATURE: Maximum, 33.5°C, July 31, 2002; minimum, less than 0.5°C many days, many years.

DISSOLVED OXYGEN: Maximum, 14.9 mg/L, Aug. 10, 2002; minimum, 1.6 mg/L, Feb. 19, 1984.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 131 microsiemens, Sep. 2; minimum, 31 microsiemens, Sep. 8.

pH: Maximum 7.6 units, several days in January and February; minimum, 6.1 units, Sep. 8.

WATER TEMPERATURE: Maximum, 29.8°C, June 12; minimum, 2.5°C, Jan. 28, 29.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Feb. 27, 28; minimum 6.0 mg/L, Sep. 8, 9, 11.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	96	91	94	84	75	80	89	84	86	96	90	93
2	94	89	92	78	74	76	87	79	84	93	88	91
3	96	88	92	80	75	78	83	79	81	90	77	84
4	93	85	90	81	76	79	85	78	82	83	78	81
5	89	82	86	84	78	81	87	80	84	84	80	83
6	84	48	75	84	79	82	88	82	86	88	82	86
7	66	52	61	87	81	84	88	83	87	93	86	91
8	66	55	62	86	81	84	89	84	87	96	91	94
9	58	52	54	87	81	85	93	84	90	96	91	95
10	63	54	60	86	81	85	94	89	92	98	93	97
11	68	63	66	86	81	84	95	90	93	99	96	98
12	71	65	69	87	82	86	94	91	93	99	95	97
13	72	65	69	88	84	86	96	91	94	100	95	98
14	73	67	71	91	84	88	92	73	81	102	99	100
15	72	60	68	90	83	87	78	72	76	106	99	103
16	68	60	65	91	83	90	81	74	78	105	102	104
17	71	65	70	91	83	88	85	78	82	105	102	104
18	75	68	71	88	81	85	87	84	85	105	101	104
19	78	71	75	88	84	87	90	85	88	107	101	104
20	81	75	78	89	84	87	90	85	88	105	96	102
21	82	77	80	89	84	87	93	87	90	99	95	98
22	82	77	80	87	82	86	92	88	90	100	91	96
23	83	78	81	90	83	87	93	88	91	101	91	98
24	83	79	82	89	84	87	93	88	92	104	98	101
25	83	79	82	90	85	88	96	90	94	106	100	103
26	85	76	82	89	84	88	96	90	94	107	102	105
27	83	75	80	90	84	88	97	91	94	111	102	106
28	86	78	82	91	87	89	95	91	93	111	105	108
29	85	78	82	93	86	90	93	90	91	111	106	109
30	---	---	---	91	86	89	93	90	92	117	108	113
31	---	---	---	88	82	86	---	---	---	116	111	113
MONTH	96	48	76	93	74	85	97	72	88	117	77	99

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	120	110	115	85	79	82	79	71	76	128	100	111
2	120	111	117	91	83	88	84	75	80	131	95	110
3	113	107	111	87	81	85	89	81	85	111	96	105
4	114	107	111	88	80	83	93	85	88	97	90	94
5	117	110	113	85	80	82	95	84	91	93	89	91
6	---	---	---	86	83	85	91	84	87	94	89	92
7	---	---	---	86	82	84	93	86	90	91	40	80
8	---	---	---	88	82	84	97	90	93	42	31	37
9	---	---	---	94	80	87	100	94	97	46	34	42
10	---	---	---	91	83	87	103	95	101	46	39	44
11	---	---	---	88	83	85	108	98	103	61	46	53
12	---	---	---	92	83	87	108	93	100	65	61	63
13	---	---	---	94	82	89	102	84	91	67	64	66
14	---	---	---	82	73	77	87	70	74	72	67	70
15	---	---	---	80	73	78	76	72	74	75	71	73
16	93	79	86	86	77	83	86	75	82	78	74	76
17	81	75	77	89	78	85	87	81	85	83	76	79
18	80	75	77	89	76	84	88	81	85	83	66	72
19	88	76	81	90	72	80	94	85	90	67	60	63
20	93	80	84	74	67	70	99	90	95	65	60	62
21	86	73	84	72	64	68	102	96	100	72	65	69
22	73	49	53	82	70	78	106	100	103	80	72	75
23	71	56	64	90	81	87	112	101	108	85	80	83
24	79	69	75	95	88	92	108	100	103	---	---	---
25	88	77	82	99	91	96	106	100	102	89	86	88
26	90	76	84	102	84	96	121	96	106	91	87	90
27	78	60	66	96	85	91	101	96	99	91	88	90
28	68	61	64	101	94	98	104	98	101	89	51	71
29	75	65	71	102	91	97	106	101	104	51	46	48
30	80	74	78	93	80	89	113	105	109	52	46	49
31	---	---	---	80	70	74	112	96	105	---	---	---
MONTH	---	---	---	102	64	85	121	70	94	---	---	---

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

pH, water, unfiltered, field, standard units
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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

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	7.3	7.2	7.4	7.3	7.0	6.6	7.0	6.8	7.1	6.9	7.3	7.2
2	7.2	7.2	7.4	7.3	6.9	6.8	7.0	7.0	7.1	6.9	7.3	7.2
3	7.3	7.2	7.4	7.2	7.0	6.8	7.0	7.0	7.0	6.9	7.3	7.2
4	7.3	7.1	7.3	7.2	7.0	6.9	7.0	6.8	7.1	6.9	7.2	7.2
5	7.4	7.2	7.4	7.2	7.0	6.9	7.0	6.9	7.0	6.9	7.2	7.2
6	7.5	7.3	7.4	7.2	7.0	6.9	7.0	6.9	7.0	6.9	7.2	7.2
7	7.4	7.3	7.4	7.2	7.0	6.9	7.2	6.9	7.0	6.9	7.2	6.5
8	7.4	7.3	7.3	7.3	7.0	6.8	7.3	7.1	7.1	6.9	6.5	6.1
9	7.5	7.3	7.4	7.2	6.9	6.7	7.2	7.1	7.1	6.9	6.4	6.4
10	7.4	7.3	7.3	7.3	6.9	6.7	7.2	7.1	7.2	6.9	6.5	6.4
11	7.4	7.3	7.4	7.3	6.8	6.8	7.2	7.1	7.2	7.0	6.5	6.5
12	7.3	7.3	7.3	7.3	6.9	6.8	7.2	7.1	7.1	7.0	6.8	6.5
13	7.3	7.2	7.3	7.3	6.9	6.8	7.2	7.1	7.2	7.0	6.9	6.8
14	7.2	7.1	7.3	7.3	7.0	6.9	7.2	7.0	7.1	6.7	6.9	6.8
15	7.1	7.1	7.3	7.3	7.1	6.9	7.1	7.0	7.0	6.6	7.0	6.9
16	7.2	7.1	7.4	7.3	7.1	7.0	7.2	7.0	7.2	6.8	7.0	6.9
17	7.3	7.2	7.3	7.3	7.2	7.0	7.2	7.1	7.2	6.4	7.0	6.9
18	7.3	7.2	7.4	7.3	7.2	7.1	7.2	7.0	7.2	7.1	7.0	6.8
19	7.3	7.2	7.4	7.3	7.1	7.0	7.2	7.1	7.3	7.1	6.9	6.8
20	7.3	7.2	7.3	7.2	7.1	7.0	7.2	7.0	7.3	7.0	6.9	6.8
21	7.3	7.2	7.2	6.7	7.1	6.9	7.1	6.9	7.3	7.2	7.0	6.9
22	7.4	7.2	7.3	6.7	7.1	6.9	7.1	6.9	7.3	7.2	7.0	7.0
23	7.4	7.2	7.1	6.6	7.0	6.8	7.2	7.1	7.3	7.2	7.0	7.0
24	7.3	7.3	7.0	6.9	7.0	6.8	7.2	7.0	7.3	7.2	7.0	7.0
25	7.4	7.2	6.9	6.6	7.0	7.0	7.1	6.9	7.3	7.2	7.1	7.0
26	7.3	7.3	6.9	6.8	7.0	6.9	7.1	6.8	7.3	7.2	7.1	7.1
27	7.4	7.3	6.9	6.8	6.9	6.8	7.0	6.9	7.2	7.2	7.1	7.0
28	7.4	7.3	6.9	6.8	7.0	6.8	7.1	6.9	7.2	7.2	7.0	6.6
29	7.4	7.3	7.0	6.8	7.0	6.9	7.1	6.9	7.3	7.2	6.6	6.5
30	7.4	7.2	7.0	6.8	6.9	6.8	7.1	7.0	7.3	7.2	6.6	6.5
31	---	---	7.0	6.8	---	---	7.1	7.0	7.3	7.1	---	---
MONTH	7.5	7.1	7.4	6.6	7.2	6.6	7.3	6.8	7.3	6.4	7.3	6.1

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	18.7	16.4	17.6	16.3	14.2	15.3	9.2	7.6	8.4	6.7	5.3	6.1
2	18.4	17.1	17.8	16.6	14.4	15.6	8.6	7.3	8.0	7.6	6.2	6.9
3	17.1	15.3	16.3	16.9	14.8	15.9	7.7	7.0	7.3	9.4	7.1	8.1
4	17.4	14.9	16.3	17.5	16.1	16.8	7.3	6.8	7.0	11.3	9.3	10.2
5	18.0	15.7	16.9	19.0	17.3	18.1	7.1	6.7	6.9	13.3	11.2	12.3
6	19.0	17.0	18.0	20.1	18.6	19.3	7.6	6.6	7.1	13.1	10.2	11.8
7	19.5	18.4	19.0	20.1	19.0	19.6	7.1	5.8	6.5	10.2	7.0	8.3
8	19.2	18.6	18.9	19.4	17.5	18.4	6.8	5.3	6.1	7.0	5.9	6.4
9	19.5	18.8	19.1	17.5	15.0	16.4	7.0	5.3	6.2	6.5	5.9	6.1
10	19.3	18.7	19.0	15.0	13.0	13.8	8.2	6.6	7.3	6.1	5.2	5.8
11	19.4	18.8	19.1	---	---	---	8.4	7.4	8.0	5.2	4.2	4.7
12	20.3	18.7	19.4	15.2	---	---	8.0	7.3	7.6	5.8	4.0	4.9
13	20.4	18.6	19.6	15.2	13.4	14.7	7.3	6.6	6.8	6.7	4.9	5.8
14	20.3	19.7	20.0	13.4	11.4	12.1	6.6	6.3	6.4	6.8	5.1	6.1
15	19.7	17.8	18.8	12.3	10.7	11.5	7.0	6.1	6.5	7.8	6.3	7.0
16	17.8	16.0	17.0	13.0	10.9	12.0	6.8	6.2	6.5	6.8	5.6	6.3
17	16.7	15.2	16.1	14.5	12.9	13.7	7.7	6.6	7.1	6.1	5.0	5.7
18	17.0	15.3	16.2	16.0	13.9	14.8	7.1	6.2	6.7	7.8	6.1	6.9
19	16.9	14.8	15.9	17.0	16.0	16.5	7.1	6.3	6.7	7.9	6.8	7.4
20	17.4	15.1	16.3	16.2	14.9	15.4	6.5	5.3	5.9	6.8	5.2	5.8
21	17.9	15.5	16.8	15.0	13.6	14.2	5.3	4.0	4.6	5.3	4.0	4.8
22	18.1	16.3	17.2	13.6	12.6	13.2	5.0	3.5	4.3	5.3	3.5	4.5
23	16.7	15.1	16.0	13.3	12.1	12.7	6.2	4.0	5.0	5.7	4.0	4.9
24	16.0	14.3	15.2	13.5	12.3	12.9	8.4	6.2	7.3	6.5	4.3	5.4
25	15.9	13.8	14.9	12.7	10.5	11.3	7.7	6.2	6.8	6.4	4.4	5.7
26	16.1	15.0	15.5	10.6	9.3	10.0	6.2	5.0	5.6	4.4	3.1	3.5
27	17.1	16.0	16.6	11.0	9.7	10.2	5.5	4.0	4.8	3.5	2.9	3.2
28	16.9	15.8	16.4	12.4	11.0	11.7	5.5	4.0	4.8	4.1	2.5	3.2
29	16.6	15.3	15.8	11.3	9.0	10.1	6.8	4.6	5.6	4.1	2.5	3.4
30	15.9	14.3	15.2	9.0	7.7	8.5	8.6	6.8	7.7	5.3	3.4	4.3
31	16.0	14.1	15.1	---	---	---	7.6	6.2	6.9	5.0	3.6	4.4
MONTH	20.4	13.8	17.2	---	---	---	9.2	3.5	6.5	13.3	2.5	6.1

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	5.0	3.4	4.2	8.1	5.9	7.0	14.2	12.8	13.6	20.5	18.5	19.4
2	4.5	3.6	4.1	11.7	7.8	9.6	13.4	12.0	12.5	20.5	19.0	19.8
3	5.1	4.2	4.6	13.5	11.2	12.3	14.6	10.6	12.7	19.9	18.6	19.4
4	5.3	4.1	4.7	15.1	12.8	13.9	15.4	12.4	14.0	18.9	16.9	18.0
5	4.9	4.3	4.6	15.6	14.0	14.8	15.4	12.0	13.9	19.4	16.2	17.9
6	6.4	4.5	5.1	16.6	15.0	15.7	15.8	12.2	14.2	21.3	17.7	19.5
7	6.6	5.8	6.2	16.5	14.5	15.6	16.5	12.8	14.9	22.8	19.2	21.1
8	6.3	5.3	5.8	15.1	13.0	13.9	15.8	14.4	15.0	23.9	20.4	22.2
9	5.8	4.6	5.1	13.1	10.8	11.4	17.8	13.7	15.8	24.6	21.8	23.2
10	6.1	4.6	5.4	11.0	9.8	10.4	18.3	14.8	16.8	24.5	21.4	23.1
11	7.3	6.0	6.6	11.3	8.3	10.0	18.0	16.3	17.3	24.2	21.3	22.8
12	7.4	7.0	7.2	12.6	9.6	11.1	17.5	14.8	16.0	23.0	21.8	22.3
13	7.8	6.3	7.1	12.4	9.7	11.2	16.0	14.0	15.0	24.4	21.2	22.5
14	7.9	7.5	7.7	12.9	10.2	11.6	15.3	13.9	14.7	24.4	21.6	23.0
15	8.2	7.6	7.9	14.0	12.3	13.1	15.7	13.1	14.5	24.1	21.4	22.7
16	8.0	6.9	7.4	15.4	13.3	14.2	17.0	13.9	15.5	24.4	21.6	22.8
17	7.1	6.2	6.6	15.2	13.0	14.1	18.7	14.9	16.9	24.9	21.8	23.2
18	7.3	5.5	6.4	14.0	12.2	13.2	20.2	16.6	18.5	23.6	22.0	22.9
19	7.9	5.5	6.7	15.4	12.1	13.8	21.5	18.2	19.9	24.4	22.2	23.2
20	9.0	6.4	7.7	15.2	12.7	14.1	21.9	19.0	20.5	25.4	22.3	23.9
21	11.5	8.8	10.0	16.7	14.1	15.2	21.6	19.4	20.6	26.9	23.3	25.0
22	10.6	9.0	9.9	14.6	12.1	13.2	21.5	18.7	20.2	27.2	24.3	25.5
23	9.9	8.4	9.1	12.6	9.9	11.4	22.3	19.0	20.7	27.4	24.1	25.7
24	9.6	8.5	9.1	13.2	9.7	11.5	22.9	19.7	21.4	27.6	23.9	25.7
25	9.9	8.7	9.3	14.9	11.1	13.1	23.0	20.6	21.9	28.0	24.4	26.2
26	9.3	4.1	6.7	16.7	12.9	14.9	22.0	20.0	21.0	27.2	25.2	26.1
27	5.2	3.4	4.2	17.9	14.3	16.2	20.2	18.4	19.4	27.7	24.1	25.9
28	6.6	3.9	5.2	19.2	16.0	17.8	19.1	16.4	17.9	27.5	24.5	26.0
29	7.3	4.7	6.0	19.2	16.9	18.1	19.3	16.3	17.9	27.6	24.7	26.1
30	---	---	---	18.1	15.2	16.3	19.6	17.3	18.5	27.7	24.9	26.1
31	---	---	---	15.2	13.6	14.5	---	---	---	27.4	25.1	26.0
MONTH	11.5	3.4	6.6	19.2	5.9	13.3	23.0	10.6	17.1	28.0	16.2	23.1

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	26.5	23.4	25.1	25.4	23.8	24.6	28.0	26.1	27.1	26.3	24.7	25.3
2	26.2	22.4	24.4	26.4	24.2	25.2	28.8	26.6	27.6	25.0	23.8	24.5
3	26.2	22.9	24.6	25.2	24.2	24.7	29.3	26.6	28.0	24.6	22.8	23.7
4	26.5	24.7	25.4	26.3	24.3	25.2	29.2	26.3	27.8	24.8	22.8	23.8
5	27.4	23.5	25.4	27.5	24.8	26.1	28.8	26.5	27.7	25.5	23.1	24.4
6	27.0	23.8	25.4	28.2	25.3	26.8	27.7	25.3	26.6	25.0	23.8	24.4
7	27.9	24.2	25.9	28.9	26.0	27.5	26.0	22.9	24.5	24.4	23.4	23.8
8	26.4	24.8	25.4	29.4	26.3	27.8	25.5	21.7	23.6	23.6	23.2	23.3
9	26.0	24.1	25.0	29.1	26.2	27.7	25.7	21.9	23.8	24.1	23.1	23.5
10	28.5	24.2	26.3	29.5	26.9	28.1	25.6	22.4	24.1	24.2	23.2	23.6
11	29.2	25.9	27.6	29.5	26.9	28.1	27.2	23.0	25.1	24.4	23.1	23.6
12	29.8	26.6	27.9	28.8	25.7	27.3	25.8	23.7	24.3	23.6	22.7	23.2
13	26.6	24.9	25.8	28.3	26.2	27.3	23.9	23.0	23.6	23.0	22.3	22.7
14	---	---	---	28.7	26.4	27.5	23.0	22.5	22.8	23.4	21.9	22.7
15	---	---	---	28.6	26.0	27.3	22.6	22.1	22.4	23.0	22.0	22.6
16	27.1	25.2	26.2	27.9	24.9	26.4	24.6	21.9	23.2	23.0	22.2	22.7
17	27.8	25.6	26.7	26.9	24.4	25.6	25.5	22.7	24.1	23.0	22.6	22.9
18	29.0	26.5	27.8	26.2	24.4	25.2	26.5	23.4	25.0	22.9	22.0	22.4
19	29.5	26.9	28.2	26.3	24.1	25.2	27.6	24.0	25.8	22.2	20.6	21.4
20	28.7	26.4	27.6	26.1	24.6	25.4	27.6	24.8	26.2	20.6	19.6	20.1
21	27.6	25.5	26.2	27.4	24.4	25.9	27.8	25.2	26.4	20.4	18.6	19.5
22	25.5	23.0	23.5	28.3	25.3	26.9	26.4	24.7	25.5	20.5	18.2	19.4
23	25.7	24.1	24.9	29.3	26.0	27.6	26.4	23.8	25.1	21.3	18.8	20.1
24	26.3	24.6	25.4	29.4	26.3	27.9	25.6	24.4	25.1	22.6	20.1	21.2
25	27.1	24.8	25.9	29.3	26.6	27.9	26.6	23.8	25.1	22.1	20.0	21.1
26	26.4	25.0	25.7	28.4	26.1	27.2	26.1	23.9	25.0	21.9	19.7	20.9
27	25.6	24.6	24.9	27.5	25.5	26.3	26.8	23.6	25.3	21.5	20.9	21.1
28	25.1	24.3	24.6	27.6	25.3	26.4	27.6	24.5	26.0	22.3	21.0	21.6
29	26.1	23.9	25.0	27.6	25.8	26.7	25.8	24.5	25.2	22.2	21.1	21.4
30	25.2	24.5	24.8	27.8	25.5	26.6	27.8	24.0	25.9	21.9	21.1	21.5
31	---	---	---	28.1	26.0	27.1	26.5	25.2	25.8	---	---	---
MONTH	---	---	---	29.5	23.8	26.6	29.3	21.7	25.3	26.3	18.2	22.4

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.8	9.3	9.5	---	---	---	10.3	9.9	10.1	11.8	11.3	11.5
2	9.6	9.2	9.3	---	---	---	10.5	9.9	10.2	11.6	11.1	11.4
3	9.9	9.3	9.6	---	---	---	10.7	10.2	10.5	11.2	10.5	10.9
4	9.7	9.1	9.4	---	---	---	10.5	10.3	10.4	10.5	9.7	10.1
5	9.4	8.9	9.2	---	---	---	10.6	10.4	10.5	9.7	9.1	9.4
6	9.2	8.3	8.7	---	---	---	10.7	10.4	10.5	10.1	9.2	9.6
7	8.4	8.2	8.3	---	---	---	10.8	10.4	10.6	11.1	10.1	10.7
8	8.3	8.1	8.2	---	---	---	11.2	10.7	11.0	11.7	11.1	11.5
9	8.2	7.9	8.0	---	---	---	11.2	10.7	11.0	11.7	11.4	11.6
10	8.2	7.9	8.0	---	---	---	10.9	10.1	10.6	11.9	11.6	11.8
11	8.1	7.8	8.0	---	---	---	10.4	10.1	10.2	12.4	11.8	12.2
12	8.1	7.8	8.0	---	---	---	10.7	10.2	10.6	12.4	11.7	12.1
13	8.9	7.9	8.2	8.5	7.7	8.0	11.1	10.7	10.9	11.9	11.3	11.7
14	9.1	7.7	8.6	8.7	7.9	8.4	11.1	11.0	11.0	11.6	11.2	11.4
15	8.4	7.6	8.0	8.8	8.5	8.7	11.3	10.8	11.1	11.2	10.8	11.0
16	8.6	8.0	8.4	8.8	8.2	8.5	11.4	11.0	11.2	11.4	10.9	11.2
17	8.8	8.1	8.5	8.5	8.1	8.3	11.2	10.4	10.8	11.6	11.3	11.4
18	8.8	8.1	8.4	8.4	7.9	8.2	11.1	10.8	10.9	11.3	10.6	10.9
19	9.0	8.4	8.7	7.9	7.4	7.6	11.1	10.8	11.0	10.8	10.5	10.7
20	8.8	8.2	8.5	8.1	7.5	7.7	11.5	11.0	11.3	11.5	10.8	11.3
21	8.4	7.3	8.1	8.3	7.7	7.9	12.2	11.5	11.9	12.1	11.5	11.8
22	7.6	7.1	7.4	8.6	8.1	8.3	12.4	12.1	12.2	12.2	11.6	11.9
23	---	---	---	8.6	8.2	8.4	12.2	11.6	12.0	11.9	11.5	11.7
24	---	---	---	8.6	8.0	8.3	11.7	10.8	11.2	11.7	10.9	11.4
25	---	---	---	9.0	8.2	8.6	11.4	10.8	11.2	11.4	10.8	11.0
26	---	---	---	9.4	8.9	9.2	11.9	11.4	11.7	12.2	11.4	11.8
27	---	---	---	9.3	8.9	9.2	12.3	11.8	12.1	12.2	12.1	12.2
28	---	---	---	9.0	8.4	8.7	12.4	12.0	12.2	12.4	12.1	12.3
29	---	---	---	9.6	8.7	9.2	12.2	11.4	11.9	12.7	12.1	12.5
30	---	---	---	10.3	9.6	10.0	11.5	10.8	11.1	12.2	11.6	12.0
31	---	---	---	---	---	---	11.4	10.9	11.2	12.0	11.5	11.8
MONTH	---	---	---	---	---	---	12.4	9.9	11.1	12.7	9.1	11.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.3	11.8	12.0	12.8	12.1	12.4	9.3	8.8	9.1	7.5	7.1	7.3
2	12.4	11.9	12.1	12.1	10.5	11.5	9.7	9.1	9.4	7.4	7.1	7.3
3	12.2	11.8	12.0	10.8	10.1	10.5	10.1	9.1	9.6	7.6	7.2	7.4
4	12.1	11.8	11.9	10.2	9.5	9.9	9.3	8.8	9.0	8.2	7.6	8.0
5	12.1	11.8	12.0	9.9	9.1	9.5	9.6	8.8	9.2	8.5	8.0	8.3
6	12.1	11.2	11.8	9.5	9.0	9.2	9.8	8.6	9.1	8.2	7.6	7.9
7	11.9	11.3	11.7	9.5	8.9	9.3	9.2	8.4	8.9	7.9	7.2	7.6
8	12.5	11.7	12.2	9.8	8.9	9.5	9.4	8.3	8.7	7.5	7.0	7.3
9	12.9	12.5	12.7	10.6	9.6	10.2	9.4	7.9	8.6	7.4	6.9	7.2
10	12.8	12.3	12.6	11.2	10.5	10.8	8.4	7.6	8.0	7.4	6.9	7.1
11	12.4	11.9	12.2	11.3	10.5	10.9	8.0	7.4	7.7	7.4	6.9	7.1
12	11.9	11.7	11.8	10.9	10.2	10.5	7.7	7.4	7.6	7.3	7.0	7.1
13	12.3	11.8	12.0	10.9	10.1	10.5	---	---	---	7.4	6.9	7.1
14	11.8	11.4	11.6	10.6	10.1	10.4	---	---	---	7.2	6.8	7.0
15	11.6	11.3	11.4	10.2	9.6	9.9	---	---	---	---	---	---
16	12.1	11.5	11.9	9.6	9.2	9.4	---	---	---	7.3	7.0	7.1
17	12.4	12.1	12.3	9.6	8.6	9.2	8.9	8.1	8.6	7.3	6.7	7.0
18	12.6	11.9	12.3	9.2	8.6	8.9	8.6	7.6	8.1	7.1	6.8	6.9
19	12.2	11.6	11.9	9.4	8.7	8.9	---	---	---	7.1	6.7	6.9
20	12.2	10.9	11.7	9.3	8.6	8.9	---	---	---	7.0	6.6	6.8
21	10.9	10.2	10.6	9.0	8.4	8.7	---	---	---	6.9	6.5	6.7
22	10.9	10.3	10.6	9.4	8.4	9.0	---	---	---	6.9	6.3	6.6
23	11.2	10.6	10.9	10.1	9.2	9.6	---	---	---	6.6	6.3	6.5
24	11.3	10.9	11.2	10.5	9.5	9.9	---	---	---	6.9	6.3	6.6
25	11.3	10.8	11.1	10.1	8.8	9.5	---	---	---	7.3	6.3	6.8
26	12.2	10.9	11.5	9.2	8.5	8.9	---	---	---	6.8	6.4	6.5
27	13.3	12.2	13.0	9.3	8.0	8.6	---	---	---	---	---	---
28	13.3	12.6	13.0	8.7	7.9	8.2	---	---	---	6.9	6.4	6.7
29	13.0	12.4	12.7	8.6	7.8	8.1	---	---	---	7.3	6.5	6.8
30	---	---	---	8.5	7.8	8.2	---	---	---	7.1	6.4	6.7
31	---	---	---	8.9	8.3	8.6	---	---	---	7.0	6.4	6.8
MONTH	13.3	10.2	11.9	12.8	7.8	9.6	---	---	---	---	---	---

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	7.4	6.6	6.9	7.1	6.7	6.9	6.9	6.4	6.6	6.9	6.5	6.8
2	---	---	---	7.3	6.8	7.0	6.9	6.6	6.7	7.0	6.7	6.9
3	7.6	6.4	7.0	7.2	6.8	7.0	6.9	6.5	6.7	7.7	6.8	7.2
4	6.6	6.3	6.4	7.0	6.7	6.9	7.1	6.4	6.7	7.4	7.2	7.3
5	6.8	6.2	6.4	7.0	6.5	6.8	6.9	6.4	6.6	7.7	7.1	7.4
6	6.9	6.2	6.5	7.0	6.4	6.7	---	---	---	7.3	7.0	7.2
7	---	---	---	7.1	6.6	6.8	---	---	---	7.2	6.7	7.0
8	---	---	---	7.1	6.7	6.9	8.0	6.9	7.4	6.7	6.0	6.2
9	---	---	---	7.3	6.8	7.1	7.4	6.7	7.1	6.3	6.0	6.1
10	---	---	---	7.0	6.8	7.0	7.3	6.8	7.0	6.6	6.2	6.5
11	---	---	---	7.3	6.8	7.0	7.3	6.6	6.9	6.5	6.0	6.2
12	---	---	---	7.3	6.9	7.1	7.0	6.7	6.8	7.0	6.2	6.7
13	---	---	---	---	---	---	7.1	6.6	6.8	7.0	6.9	7.0
14	---	---	---	7.2	6.8	6.9	6.8	6.6	6.7	7.4	7.0	7.2
15	---	---	---	7.1	6.7	6.9	6.9	6.7	6.8	7.3	7.1	7.2
16	---	---	---	7.4	6.9	7.2	7.1	6.6	6.8	7.3	7.0	7.2
17	---	---	---	7.6	6.9	7.3	---	---	---	7.3	7.0	7.1
18	---	---	---	7.2	6.9	7.1	---	---	---	7.4	7.0	7.2
19	7.4	6.6	7.0	7.1	7.0	7.0	---	---	---	8.8	7.1	8.2
20	7.2	6.7	6.9	7.3	7.0	7.1	---	---	---	9.6	8.7	9.1
21	7.2	6.8	7.0	7.4	6.9	7.2	---	---	---	9.8	9.4	9.6
22	7.1	6.2	6.5	7.2	6.7	7.0	---	---	---	10.0	9.3	9.6
23	6.9	6.1	6.5	7.4	6.8	7.1	---	---	---	9.7	9.0	9.4
24	7.0	6.7	6.8	7.8	6.9	7.3	---	---	---	9.5	9.0	9.3
25	7.0	6.5	6.8	7.7	7.0	7.3	---	---	---	10.2	8.8	9.3
26	7.4	7.0	7.1	7.5	7.1	7.3	---	---	---	9.6	9.1	9.3
27	7.5	7.0	7.2	7.7	7.1	7.3	---	---	---	9.5	8.8	9.2
28	7.4	7.1	7.2	7.6	6.8	7.1	7.0	6.4	6.7	9.2	6.9	8.2
29	7.3	6.8	7.1	7.3	6.8	7.0	7.0	6.6	6.8	7.6	6.8	7.2
30	7.1	6.7	7.0	7.2	6.7	7.1	7.1	6.4	6.7	7.7	6.2	7.2
31	---	---	---	6.9	6.6	6.8	6.9	6.4	6.6	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	10.2	6.0	7.7