

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 good except for Aug. 15-17, which are fair, and Aug. 18-27, which are poor. pH records rated excellent. Temperature records rated excellent. Dissolved oxygen records rated good except for Nov. 15-24, and July 4-14, 24-27, which are fair, and Oct. 26-31, Nov. 25 to Dec. 18, July 28 to Aug. 5, and Aug. 21-28, 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, 161 microsiemens, July 25; minimum, 27 microsiemens, Mar. 6.

pH: Maximum 7.6 units, Oct. 8-11; minimum, 6.1 units, Feb. 27, Mar. 6.

WATER TEMPERATURE: Maximum, 28.3°C, July 29; minimum, 1.4°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 13.3 mg/L, Jan. 19, 25; minimum 6.3 mg/L, July 5.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	106	100	103	100	93	96	72	67	69
2	---	---	---	107	101	104	95	91	93	70	66	68
3	121	112	117	110	103	106	97	91	93	69	62	66
4	125	116	121	109	104	106	98	93	95	69	63	66
5	130	121	125	113	105	109	100	97	98	73	66	69
6	134	123	129	110	90	104	99	72	83	73	67	70
7	134	128	132	90	63	78	72	61	67	77	70	74
8	142	133	137	83	77	80	65	60	63	78	72	75
9	146	139	143	85	79	82	71	65	69	82	73	77
10	149	141	146	90	80	86	75	71	74	84	76	79
11	141	108	121	92	86	90	77	73	75	83	76	79
12	135	126	130	98	73	88	76	53	68	89	76	81
13	142	129	136	73	60	63	65	53	58	88	78	82
14	150	136	140	72	62	68	65	59	62	90	78	85
15	153	108	123	78	71	75	65	59	62	90	79	85
16	112	77	102	80	71	78	68	62	65	89	82	85
17	77	62	67	71	64	67	73	66	70	93	84	87
18	63	61	62	74	64	69	75	71	73	92	84	88
19	---	---	---	77	69	73	79	74	77	94	84	89
20	---	---	---	85	76	79	83	78	80	95	86	89
21	81	65	73	87	79	84	81	73	78	93	86	90
22	90	80	86	96	85	89	73	64	67	99	87	92
23	95	90	93	95	86	91	71	65	68	92	86	89
24	99	94	97	101	91	95	73	50	62	92	82	87
25	104	98	102	98	90	94	54	46	50	93	83	87
26	110	102	106	100	93	97	51	45	48	93	85	88
27	109	105	107	100	95	98	57	49	53	95	87	90
28	111	106	109	101	94	98	61	53	58	97	87	91
29	111	107	109	99	93	96	67	59	63	98	86	92
30	109	103	107	101	94	97	69	64	66	93	75	86
31	106	100	103	---	---	---	70	66	68	78	70	73
MONTH	---	---	---	113	60	88	100	45	71	99	62	82

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	88	75	79	53	42	48	73	66	70	---	---	---
2	84	74	79	62	51	55	79	65	72	---	---	---
3	89	76	81	68	54	60	82	65	73	81	74	78
4	86	78	82	70	56	62	82	68	74	76	68	74
5	86	79	83	70	59	63	82	70	75	---	---	---
6	86	78	82	65	27	37	84	70	75	75	67	72
7	80	68	75	50	37	44	73	55	64	69	58	64
8	75	67	71	55	50	53	55	48	52	59	52	56
9	77	70	73	62	55	59	51	47	49	57	52	55
10	81	72	75	67	59	63	49	42	46	64	57	60
11	85	71	77	70	61	66	56	43	47	68	63	66
12	87	73	78	73	65	69	55	46	50	72	67	70
13	87	74	80	81	67	73	64	49	56	74	70	73
14	86	76	80	78	71	74	75	55	63	77	73	75
15	89	76	81	79	72	75	75	60	66	80	74	77
16	82	65	75	83	72	76	78	63	69	82	77	80
17	73	60	66	83	64	72	79	65	71	83	78	81
18	85	63	71	67	54	59	72	33	49	82	77	79
19	82	66	73	67	52	59	47	37	40	78	75	77
20	88	74	79	60	37	44	---	---	---	80	76	78
21	80	73	77	44	35	39	---	---	---	78	73	76
22	78	44	63	45	36	40	---	---	---	76	50	67
23	63	45	54	51	38	44	---	---	---	54	42	47
24	57	46	50	60	48	54	72	64	69	47	43	44
25	56	46	51	66	55	60	74	68	72	56	45	51
26	55	50	53	70	59	64	76	73	75	66	56	61
27	56	29	43	73	62	67	76	70	75	71	66	69
28	47	33	42	76	66	70	75	68	72	74	69	72
29	---	---	---	77	68	72	78	73	76	76	72	75
30	---	---	---	75	68	71	80	74	77	79	74	78
31	---	---	---	78	66	71	---	---	---	83	75	80
MONTH	89	29	70	83	27	60	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	84	78	82	96	91	94	110	79	92	---	---	---
2	85	79	83	91	48	61	87	81	83	---	---	---
3	88	82	86	58	51	55	87	79	84	---	---	---
4	88	76	81	54	48	51	85	78	81	84	82	83
5	81	73	77	50	47	49	83	67	78	86	76	81
6	77	73	76	56	49	54	67	51	59	88	78	84
7	77	69	74	60	55	58	53	49	51	87	84	85
8	74	69	71	63	58	61	54	42	51	87	83	86
9	71	66	69	72	57	66	55	41	47	90	86	88
10	70	66	69	76	71	74	64	49	59	90	85	88
11	76	69	73	82	75	79	75	63	70	89	85	87
12	82	73	79	82	80	81	75	68	72	91	87	89
13	86	78	83	85	65	79	96	72	80	92	86	90
14	87	82	85	85	68	79	107	86	96	98	91	96
15	90	86	89	86	79	84	---	---	---	98	93	96
16	93	88	91	88	83	87	118	97	106	95	90	93
17	97	91	94	84	76	80	---	---	---	97	91	95
18	95	91	93	84	77	82	96	70	83	96	92	94
19	96	93	95	106	83	98	75	63	72	99	93	96
20	99	92	95	118	86	101	---	---	---	102	96	98
21	94	89	92	133	90	108	78	67	73	101	97	99
22	91	87	89	123	90	102	85	70	75	101	96	99
23	92	90	91	117	92	107	---	---	---	99	93	97
24	95	90	93	122	108	114	99	85	90	93	73	82
25	95	91	94	161	98	122	89	80	84	73	68	71
26	96	93	95	134	116	122	---	---	---	78	69	74
27	97	94	96	135	118	126	---	---	---	83	76	81
28	96	93	95	134	120	126	---	---	---	86	83	85
29	99	95	97	136	123	128	---	---	---	87	84	86
30	95	92	93	134	118	127	---	---	---	86	83	84
31	---	---	---	138	110	128	---	---	---	---	---	---
MONTH	99	66	86	161	47	90	---	---	---	---	---	---

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

pH, water, unfiltered, field, standard units
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	7.3	7.2	7.1	7.0	6.8	6.8	6.9	6.7	6.6	6.5
2	---	---	7.3	7.0	7.2	7.1	6.9	6.8	6.9	6.8	6.8	6.6
3	7.4	7.4	7.3	6.9	7.1	7.1	6.9	6.9	7.0	6.8	6.8	6.6
4	7.5	7.4	7.3	7.2	7.1	7.1	6.9	6.8	7.0	6.9	6.8	6.7
5	7.5	7.4	7.2	7.1	7.1	7.0	6.9	6.7	7.0	6.9	6.8	6.7
6	7.5	7.4	7.2	7.0	7.0	6.8	6.9	6.7	6.9	6.9	6.8	6.1
7	7.5	7.4	7.0	6.9	6.8	6.8	7.0	6.8	6.9	6.8	6.5	6.3
8	7.6	7.5	7.0	6.9	6.9	6.8	7.0	6.6	6.9	6.8	6.6	6.5
9	7.6	7.6	7.0	6.8	6.9	6.9	7.0	6.6	6.9	6.8	6.7	6.6
10	7.6	7.5	7.0	6.9	7.0	6.9	7.1	7.0	6.9	6.8	6.8	6.7
11	7.6	7.3	7.0	6.9	7.0	6.9	7.1	7.0	7.0	6.8	6.8	6.7
12	7.5	7.4	7.0	6.7	7.0	6.9	7.1	7.0	7.0	6.8	6.9	6.8
13	7.5	7.4	6.7	6.5	6.9	6.5	7.1	6.9	7.0	6.9	6.9	6.8
14	7.5	7.5	6.7	6.6	6.7	6.6	7.1	6.9	7.0	6.9	6.9	6.8
15	7.5	7.3	6.8	6.7	6.7	6.7	7.1	7.0	7.0	6.9	6.9	6.8
16	7.3	7.1	6.9	6.7	6.8	6.7	7.1	7.0	6.9	6.8	6.9	6.8
17	7.1	6.8	6.7	6.6	6.9	6.8	7.1	7.0	6.8	6.8	6.9	6.8
18	6.9	6.8	6.8	6.6	6.9	6.8	7.1	7.0	7.0	6.8	6.8	6.4
19	7.0	6.9	6.8	6.7	6.9	6.9	7.1	6.9	7.0	6.8	6.8	6.6
20	7.0	6.9	6.9	6.8	7.0	6.9	7.1	7.0	6.9	6.8	6.7	6.3
21	7.1	7.0	6.9	6.8	7.0	6.9	7.1	7.0	6.9	6.8	6.5	6.3
22	7.1	7.1	7.0	6.9	6.9	6.8	7.1	7.0	6.9	6.3	6.4	6.2
23	7.2	7.1	7.1	7.0	6.9	6.8	7.1	7.0	6.7	6.4	6.5	6.3
24	7.2	7.2	7.1	7.0	6.9	6.3	7.1	7.0	6.7	6.5	6.6	6.4
25	7.2	7.2	7.1	7.0	6.5	6.5	7.1	7.0	6.7	6.6	6.7	6.5
26	7.3	7.2	7.1	7.0	6.6	6.5	7.1	7.0	6.7	6.7	6.7	6.6
27	7.2	7.2	7.1	6.9	6.6	6.6	7.1	7.0	6.7	6.1	6.8	6.7
28	7.3	7.2	7.1	7.0	6.7	6.6	7.1	7.0	6.6	6.3	6.8	6.7
29	7.3	7.2	7.1	7.0	6.8	6.7	7.1	6.9	---	---	6.9	6.8
30	7.2	7.2	7.1	6.9	6.8	6.8	6.9	6.7	---	---	6.8	6.7
31	7.3	7.1	---	---	6.8	6.8	6.8	6.7	---	---	6.9	6.7
MONTH	---	---	7.3	6.5	7.2	6.3	7.1	6.6	7.0	6.1	6.9	6.1

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	6.9	6.7	---	---	7.1	7.0	7.1	7.0	7.2	6.9	7.0	6.9
2	7.0	6.8	---	---	7.1	7.0	7.1	6.6	7.0	6.9	7.0	7.0
3	7.0	6.8	6.9	6.9	7.2	7.1	6.8	6.8	7.0	7.0	7.1	7.0
4	6.9	6.8	---	---	7.2	7.0	6.8	6.8	7.0	7.0	7.0	7.0
5	6.9	6.8	---	---	7.2	7.0	6.9	6.8	7.1	7.0	7.0	6.9
6	6.9	6.8	6.9	6.8	7.2	7.0	7.0	6.8	7.1	6.6	7.1	6.9
7	6.9	6.6	6.8	6.6	7.1	7.0	7.0	6.9	6.7	6.6	7.1	7.0
8	6.6	6.5	6.6	6.5	7.0	6.9	7.1	7.0	6.8	6.7	7.0	7.0
9	6.6	6.5	6.6	6.5	7.0	6.8	7.1	7.0	6.9	6.7	7.1	7.0
10	6.5	6.4	6.7	6.6	7.1	6.9	7.2	7.0	6.9	6.7	7.1	7.0
11	6.6	6.4	6.8	6.7	7.1	7.0	7.2	7.0	6.9	6.8	7.2	7.0
12	6.6	6.5	6.8	6.8	7.1	7.0	7.2	7.1	6.9	6.9	7.1	7.0
13	6.6	6.5	7.0	6.8	7.1	7.1	7.2	6.8	7.0	6.9	7.1	7.0
14	6.8	6.6	7.0	6.9	7.1	7.1	7.1	6.8	7.0	6.9	7.0	7.0
15	6.8	6.6	7.0	6.9	7.2	7.1	7.2	7.0	7.1	7.0	7.1	7.0
16	6.9	6.7	7.0	6.9	7.1	7.1	7.2	7.1	7.0	7.0	7.1	7.0
17	7.0	6.7	7.0	7.0	7.2	7.1	7.1	7.0	7.0	6.9	7.1	7.0
18	6.8	6.2	7.0	7.0	7.2	7.1	7.2	7.0	7.0	6.8	7.2	7.0
19	6.4	6.3	7.0	7.0	7.2	7.1	7.2	7.1	7.0	6.8	7.1	7.0
20	---	---	7.0	7.0	7.2	7.1	7.2	7.1	6.9	6.8	7.1	7.0
21	---	---	7.0	7.0	7.2	7.1	7.2	7.1	7.0	6.9	7.1	7.0
22	---	---	7.0	6.5	7.2	7.1	7.2	7.1	7.1	7.0	7.1	7.0
23	---	---	6.8	6.5	7.2	7.0	7.2	7.1	7.1	7.0	7.1	7.0
24	6.8	6.7	6.6	6.4	7.0	6.9	7.3	7.2	7.1	7.0	7.0	6.8
25	6.8	6.7	6.7	6.4	7.1	7.0	7.2	7.1	7.1	7.0	6.9	6.8
26	6.8	6.8	6.8	6.5	7.0	6.9	7.2	7.1	7.1	7.0	7.0	6.9
27	6.9	6.8	6.9	6.7	7.0	6.9	7.2	7.2	7.1	7.0	7.0	6.9
28	6.8	6.8	6.9	6.8	7.0	6.8	7.3	7.1	7.1	7.0	7.0	7.0
29	6.9	6.8	7.0	6.9	7.0	6.9	7.2	7.0	7.1	7.0	7.1	7.0
30	6.9	6.8	7.0	6.9	7.1	6.9	7.3	7.2	7.0	7.0	7.0	7.0
31	---	---	7.0	7.0	---	---	7.2	7.1	7.0	6.8	---	---
MONTH	---	---	---	---	7.2	6.8	7.3	6.6	7.2	6.6	7.2	6.8

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	14.9	13.7	14.3	8.0	6.4	7.2	9.9	7.9	9.0
2	---	---	---	13.8	12.2	12.9	6.5	5.0	5.9	10.1	9.4	9.7
3	24.9	22.2	23.5	13.0	11.8	12.4	7.5	5.5	6.5	10.5	9.7	10.1
4	25.0	22.5	23.7	13.3	12.6	12.9	7.2	5.7	6.5	9.7	7.7	8.6
5	25.5	22.9	24.2	13.0	12.8	12.8	5.8	5.3	5.6	8.0	6.7	7.3
6	25.3	22.6	23.9	13.7	12.7	13.1	6.3	5.7	6.0	7.2	6.2	6.7
7	24.7	22.2	23.4	12.8	11.6	12.1	6.4	5.6	6.0	6.3	5.3	5.8
8	23.3	20.0	21.8	11.9	10.7	11.3	6.2	5.5	5.8	6.7	5.1	5.9
9	20.0	19.0	19.4	12.3	10.6	11.5	6.4	5.7	6.1	8.7	6.4	7.5
10	21.2	18.8	20.0	15.0	12.3	13.6	6.9	6.2	6.5	10.3	8.7	9.4
11	21.0	19.7	20.3	16.4	14.9	15.9	7.4	6.8	7.1	9.1	7.0	7.9
12	22.6	19.8	21.1	16.5	16.1	16.3	7.4	6.9	7.2	7.0	5.4	6.0
13	22.0	20.8	21.3	16.1	14.4	15.4	8.3	7.4	7.9	5.8	4.7	5.3
14	21.1	19.1	20.0	14.4	12.3	13.1	8.2	7.7	8.0	5.7	4.0	4.9
15	19.1	16.6	17.8	12.3	11.1	11.7	7.7	6.8	7.1	5.4	4.0	4.7
16	16.9	16.0	16.4	13.2	12.0	12.5	7.0	6.2	6.7	5.0	3.5	4.3
17	16.6	15.9	16.3	13.3	12.7	13.2	7.4	6.6	7.0	5.8	4.4	5.0
18	16.4	15.7	16.0	12.7	10.7	11.7	7.5	7.0	7.3	4.4	2.7	3.4
19	15.8	15.1	15.4	10.7	9.7	10.1	8.7	7.5	8.0	3.5	1.8	2.6
20	15.8	14.9	15.4	11.0	9.6	10.2	10.7	8.7	9.7	4.8	2.2	3.5
21	17.2	15.7	16.4	12.1	10.8	11.4	9.6	8.2	8.8	7.3	4.8	6.1
22	17.0	16.4	16.7	12.1	10.6	11.6	8.2	7.3	7.8	8.0	6.7	7.3
23	16.7	15.9	16.3	10.6	9.2	9.8	8.2	7.3	7.8	7.1	4.0	5.7
24	17.1	15.9	16.6	9.9	8.2	9.0	8.3	7.8	8.1	4.0	2.1	2.8
25	16.8	16.0	16.4	9.8	8.2	9.0	8.4	7.7	8.1	3.1	1.4	2.3
26	16.8	15.7	16.2	9.5	8.0	8.8	7.7	6.6	7.0	4.6	2.5	3.5
27	17.8	16.4	17.1	9.5	8.5	9.0	6.6	5.5	5.9	4.6	3.1	3.8
28	17.8	17.2	17.5	8.8	7.0	8.0	5.9	5.2	5.6	4.9	2.9	4.0
29	17.5	15.7	16.6	7.1	5.7	6.5	6.6	5.3	5.9	6.7	4.7	5.7
30	15.7	14.8	15.3	8.8	6.8	7.7	6.9	5.8	6.4	7.1	6.6	6.9
31	15.1	14.0	14.6	---	---	---	7.9	6.3	7.0	6.6	6.4	6.5
MONTH	---	---	---	16.5	5.7	11.6	10.7	5.0	7.0	10.5	1.4	5.9

Temperature, water, degrees Celsius												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	7.7	6.0	6.8	8.8	7.6	8.2	14.1	11.4	12.9	---	---	---
2	8.3	6.1	7.2	10.5	8.7	9.5	16.6	13.1	14.9	---	---	---
3	9.5	7.0	8.4	11.0	9.0	10.1	18.0	14.7	16.4	21.0	19.6	20.4
4	11.8	9.3	10.5	11.6	9.4	10.5	18.4	15.8	17.2	---	---	---
5	10.6	8.8	9.5	12.2	10.9	11.6	18.1	16.6	17.2	---	---	---
6	9.0	7.6	8.2	12.2	11.6	11.9	17.3	16.2	16.8	18.4	18.0	18.3
7	7.6	6.8	7.2	12.1	11.4	11.9	16.8	13.7	15.1	19.0	18.0	18.5
8	7.4	6.3	6.9	11.4	10.3	10.8	13.7	12.4	13.0	20.2	18.9	19.5
9	7.6	6.1	6.8	13.0	10.8	11.8	12.4	11.1	11.8	21.5	20.1	20.7
10	8.5	7.0	7.7	13.9	12.0	12.9	11.1	10.4	10.7	22.6	21.3	21.9
11	8.4	6.4	7.4	13.6	11.8	12.7	11.2	10.2	10.7	23.0	21.9	22.6
12	9.1	6.5	7.7	14.1	11.3	12.8	13.4	10.7	11.9	22.2	20.9	21.6
13	8.5	6.1	7.4	15.3	12.5	13.9	15.4	12.8	14.1	21.3	19.7	20.5
14	7.5	6.3	6.9	15.2	14.4	14.8	17.0	14.4	15.6	20.2	19.0	19.6
15	9.2	7.1	8.1	14.5	12.8	13.5	18.0	15.7	16.8	20.2	18.8	19.5
16	9.1	5.9	7.8	13.2	12.4	12.9	18.4	16.2	17.3	21.5	19.5	20.4
17	5.9	5.2	5.4	14.1	12.9	13.6	18.3	16.6	17.5	21.2	20.5	20.9
18	7.2	5.1	6.1	14.3	13.5	13.9	17.4	14.8	15.8	20.5	18.8	19.6
19	8.5	6.4	7.4	15.0	14.0	14.5	14.8	14.0	14.3	18.8	17.4	18.0
20	10.5	7.9	9.1	14.5	12.3	12.7	---	---	---	18.7	17.0	17.8
21	10.0	9.2	9.6	13.2	12.0	12.6	---	---	---	19.3	18.1	18.7
22	11.5	9.6	10.5	14.4	12.9	13.6	---	---	---	18.9	18.0	18.6
23	11.4	10.4	10.9	15.1	13.9	14.4	---	---	---	18.0	17.8	17.9
24	10.8	9.4	10.2	16.0	13.9	15.0	16.2	14.9	15.6	18.2	17.7	17.9
25	10.7	9.8	10.3	16.4	14.3	15.4	15.8	15.3	15.6	19.4	18.1	18.7
26	10.5	9.0	9.8	17.6	15.2	16.4	17.2	15.4	16.2	20.2	19.4	19.7
27	9.0	6.3	7.5	18.1	16.5	17.3	18.0	16.3	17.1	20.8	19.9	20.3
28	7.9	6.5	7.1	17.8	16.7	17.3	19.0	16.6	17.8	21.0	19.6	20.3
29	---	---	---	19.5	17.2	18.3	20.0	17.6	18.8	21.3	19.8	20.5
30	---	---	---	18.8	14.5	16.7	21.4	18.8	20.0	21.3	19.4	20.4
31	---	---	---	14.5	12.8	13.7	---	---	---	21.6	19.6	20.6
MONTH	11.8	5.1	8.2	19.5	7.6	13.4	---	---	---	---	---	---

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	22.1	20.0	21.0	24.8	23.1	24.2	26.1	25.2	25.4	26.1	24.9	25.5
2	22.1	19.5	20.9	23.1	21.4	22.2	25.4	24.8	25.1	26.7	24.9	25.7
3	21.2	20.2	20.6	23.3	22.1	22.6	25.7	24.9	25.2	26.8	25.2	26.1
4	21.8	20.0	20.8	24.4	23.1	23.7	25.9	24.9	25.4	26.5	25.5	26.0
5	22.6	20.9	21.8	25.1	24.2	24.6	25.7	24.9	25.4	25.9	24.9	25.4
6	22.6	21.3	22.0	26.0	24.9	25.3	24.9	23.8	24.1	25.0	23.7	24.4
7	22.0	21.6	21.8	26.7	25.1	25.7	24.1	23.7	23.9	23.7	22.6	22.9
8	23.0	21.6	22.3	27.1	24.9	25.9	24.7	24.0	24.3	22.8	22.2	22.5
9	24.0	22.8	23.3	27.7	25.7	26.6	24.8	24.1	24.5	23.5	22.0	22.8
10	24.1	23.1	23.6	27.4	26.0	26.6	24.8	24.2	24.5	23.4	22.0	22.7
11	24.9	23.2	24.0	26.9	25.3	26.0	24.8	24.0	24.4	23.3	21.5	22.5
12	24.6	23.5	24.1	27.4	25.4	26.3	25.2	24.3	24.7	22.6	20.8	21.7
13	24.7	23.0	23.9	26.4	24.0	25.6	25.6	24.0	24.8	23.2	20.6	21.9
14	25.0	23.6	24.2	25.0	24.0	24.6	26.4	24.7	25.5	23.7	21.4	22.5
15	26.2	24.0	25.0	26.0	24.0	25.0	27.1	25.0	25.9	23.7	21.6	22.7
16	26.6	24.8	25.5	27.2	24.8	26.0	26.6	25.6	26.0	24.2	22.6	23.3
17	25.2	24.4	24.8	26.6	25.6	26.1	25.6	24.7	25.2	23.3	21.3	22.3
18	24.4	23.8	24.2	27.6	25.9	26.7	26.0	24.7	25.2	22.7	20.6	21.7
19	24.8	23.2	24.0	27.1	25.7	26.4	25.8	24.9	25.3	23.3	20.7	22.0
20	25.0	23.4	24.1	27.6	25.4	26.4	25.7	24.4	25.1	23.2	20.4	21.8
21	24.4	23.0	23.7	27.7	26.1	26.8	26.6	25.0	25.8	23.1	20.8	22.0
22	24.4	22.5	23.4	27.1	25.9	26.5	27.1	25.3	26.1	22.9	21.8	22.4
23	24.8	22.2	23.6	26.0	24.9	25.5	27.1	24.9	26.0	23.9	21.9	22.9
24	25.6	22.8	24.2	25.8	24.1	24.8	26.3	25.5	26.0	22.5	21.3	21.8
25	26.2	23.4	24.8	26.3	24.0	25.1	26.6	25.0	25.7	22.3	20.7	21.5
26	26.7	24.0	25.3	26.8	24.5	25.6	27.2	25.0	26.1	22.5	20.5	21.5
27	26.9	24.5	25.7	27.0	25.0	25.9	27.7	25.5	26.7	22.7	20.7	21.8
28	25.8	24.2	24.7	27.7	25.5	26.6	27.6	26.0	26.9	22.8	21.2	21.9
29	25.9	23.5	24.7	28.3	26.0	27.1	28.2	26.1	27.2	21.2	18.8	19.9
30	25.4	24.4	24.9	27.5	26.0	26.7	27.7	26.4	27.0	18.9	17.0	18.1
31	---	---	---	26.8	25.6	26.1	26.9	25.7	26.5	---	---	---
MONTH	26.9	19.5	23.6	28.3	21.4	25.6	28.2	23.7	25.5	26.8	17.0	22.7

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	10.9	10.3	10.6	11.4	10.4	10.9
2	---	---	---	---	---	---	11.4	10.9	11.1	10.8	10.4	10.6
3	7.6	7.3	7.4	---	---	---	11.3	10.9	11.0	10.6	10.5	10.5
4	7.6	7.2	7.4	---	---	---	11.2	10.8	11.0	11.2	10.5	10.9
5	7.5	7.1	7.3	---	---	---	11.4	10.7	11.1	11.6	11.2	11.4
6	7.7	7.2	7.4	---	---	---	11.2	10.7	11.0	11.7	11.3	11.5
7	7.6	7.2	7.4	9.4	8.9	9.2	11.1	11.0	11.0	12.2	11.6	11.9
8	7.9	7.3	7.6	9.8	9.3	9.6	11.5	11.0	11.3	12.2	11.5	12.0
9	8.3	7.8	8.2	9.8	9.3	9.6	11.4	11.3	11.4	11.7	11.0	11.4
10	8.4	8.0	8.2	9.3	8.6	9.0	11.3	11.0	11.2	11.0	10.6	10.8
11	8.4	7.5	7.8	8.6	8.2	8.4	11.0	10.8	10.9	11.4	10.7	11.1
12	7.9	7.5	7.7	8.3	7.6	7.9	11.1	10.8	10.9	12.2	11.3	11.8
13	7.8	7.6	7.7	7.7	7.2	7.4	11.0	10.1	10.6	12.4	12.0	12.2
14	8.2	7.7	8.0	8.9	7.7	8.5	10.6	10.3	10.4	12.6	12.0	12.3
15	8.3	7.8	8.0	9.5	8.9	9.3	11.1	10.6	10.9	12.6	12.1	12.3
16	8.5	8.2	8.4	9.3	8.4	9.0	11.5	11.0	11.3	12.7	12.1	12.4
17	8.2	8.1	8.2	8.5	8.2	8.4	11.5	11.2	11.3	12.3	11.9	12.1
18	8.3	8.0	8.2	9.5	8.4	9.0	11.5	11.3	11.4	12.8	12.1	12.6
19	8.7	8.2	8.5	10.0	9.5	9.8	11.4	10.9	11.2	13.3	12.7	13.0
20	8.7	8.5	8.6	10.1	9.8	10.0	10.9	10.4	10.6	13.2	12.2	12.8
21	8.6	8.2	8.4	9.8	9.2	9.5	11.0	10.4	10.8	12.2	11.2	11.8
22	8.5	8.3	8.4	9.6	9.2	9.3	11.5	11.0	11.3	11.4	11.1	11.2
23	8.6	8.4	8.5	10.2	9.5	9.9	11.5	11.3	11.3	11.9	11.1	11.5
24	8.6	8.4	8.5	10.7	10.1	10.3	11.7	10.2	10.9	13.0	11.9	12.7
25	8.6	8.4	8.5	10.5	10.1	10.3	10.6	10.3	10.5	13.3	12.7	13.1
26	8.6	8.0	8.4	10.5	10.1	10.3	11.3	10.6	11.0	12.8	12.2	12.6
27	8.0	7.4	7.6	10.3	10.1	10.2	11.7	11.2	11.5	12.6	12.2	12.4
28	8.2	7.4	7.7	10.8	10.2	10.5	12.2	11.6	12.0	12.6	12.0	12.4
29	8.0	7.5	7.7	11.3	10.7	11.0	12.3	11.8	12.1	12.2	11.4	11.8
30	8.1	7.6	7.8	10.8	10.3	10.6	12.0	11.7	11.9	11.4	10.9	11.1
31	---	---	---	---	---	---	11.8	11.3	11.7	11.2	11.0	11.1
MONTH	---	---	---	---	---	---	12.3	10.1	11.1	13.3	10.4	11.8

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

SANTEE RIVER BASIN

02160105 TYGER RIVER NEAR DELTA, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.0	7.7	7.9	7.6	7.2	7.5	7.4	6.7	7.2	---	---	---
2	8.1	7.7	7.9	8.5	7.6	8.1	7.3	6.8	7.0	---	---	---
3	8.0	7.8	7.9	8.3	7.2	7.5	7.4	6.9	7.3	---	---	---
4	7.9	7.5	7.8	7.5	6.7	7.2	9.1	7.2	8.1	8.5	7.4	7.7
5	7.7	7.5	7.6	7.2	6.3	6.8	7.4	7.1	7.3	8.8	7.4	8.1
6	7.8	7.6	7.7	6.8	6.5	6.7	7.4	6.7	6.9	8.4	7.5	7.8
7	7.7	7.4	7.5	7.5	6.5	7.2	6.8	6.7	6.7	8.5	8.0	8.3
8	7.6	7.3	7.4	7.6	6.5	7.0	7.8	6.6	6.9	8.6	8.2	8.4
9	7.7	7.3	7.6	7.2	6.5	6.8	7.4	7.0	7.2	8.6	8.0	8.3
10	7.9	7.6	7.8	6.8	6.6	6.7	7.3	7.2	7.2	8.4	8.0	8.2
11	8.2	7.8	8.0	7.5	6.6	6.8	7.5	7.3	7.4	---	---	---
12	8.2	7.8	8.0	7.7	6.5	6.8	7.8	7.4	7.6	---	---	---
13	8.1	7.8	8.0	7.4	6.6	7.0	8.0	7.6	7.8	---	---	---
14	8.2	7.9	8.1	8.0	7.2	7.5	9.1	7.6	8.1	---	---	---
15	8.3	7.8	8.0	8.0	7.4	7.6	10.2	7.4	8.3	---	---	---
16	8.0	7.6	7.8	7.6	7.3	7.4	8.0	7.3	7.4	---	---	---
17	8.1	7.8	8.0	7.5	7.1	7.3	7.7	7.5	7.6	8.2	7.6	7.8
18	8.2	7.9	8.1	7.8	7.2	7.3	8.2	7.4	7.7	8.0	7.6	7.8
19	8.3	7.8	8.1	7.4	7.2	7.3	7.8	7.5	7.6	8.1	7.6	7.8
20	8.4	7.9	8.1	7.4	7.1	7.3	7.8	7.4	7.6	8.1	7.7	7.9
21	8.2	8.0	8.1	7.6	7.0	7.2	7.6	7.3	7.5	8.0	7.7	7.9
22	8.4	8.0	8.2	7.6	7.0	7.1	8.1	7.3	7.7	8.1	7.6	7.9
23	8.3	7.8	8.0	7.4	7.1	7.3	7.6	7.2	7.4	8.0	7.5	7.8
24	8.0	7.6	7.8	7.9	7.3	7.5	7.4	7.1	7.3	8.3	7.8	8.0
25	7.9	7.5	7.7	7.6	7.3	7.4	7.5	7.2	7.4	8.3	7.9	8.2
26	7.6	7.2	7.4	7.6	7.4	7.5	7.4	6.9	7.2	8.4	8.0	8.2
27	7.4	7.1	7.3	8.1	7.4	7.7	8.1	6.8	7.2	9.6	7.9	8.3
28	7.5	7.1	7.3	7.9	7.3	7.5	---	---	---	9.5	8.0	8.5
29	7.5	7.1	7.3	7.6	7.2	7.3	---	---	---	9.1	8.2	8.6
30	7.6	7.2	7.4	7.7	7.2	7.5	---	---	---	9.4	9.1	9.3
31	---	---	---	7.7	7.3	7.5	---	---	---	---	---	---
MONTH	8.4	7.1	7.8	8.5	6.3	7.3	---	---	---	---	---	---