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.

EXTREMES FOR PERIOD OF RECORD.--

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

pH: Maximum, 8.4 units, Mar. 28, 1999; minimum 5.6 units, Jul. 17, 1989.

WATER TEMPERATURE: Maximum, 32.0°C, Jul. 31, Aug. 1, 1999; minimum, less than 0.5°C many days, many years.

DISSOLVED OXYGEN: Maximum, 14.2 mg/L, Dec. 2, 1979, Jan. 2, 1984; minimum, 1.6 mg/L, Feb. 19, 1984.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 216 microsiemens, Aug. 31, Sep. 1; minimum, 44 microsiemens, Mar. 21, 22.

pH: Maximum 7.9 units, Aug. 24-26; minimum, 6.0 units, Oct. 12, 13.

WATER TEMPERATURE: Maximum, 31.5°C, July 20; minimum, 1.5°C, Jan. 24, 25, 28.

DISSOLVED OXYGEN: Maximum, 13.4 mg/L, Jan. 28; minimum 5.1 mg/L, June 25-27.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	136	117	128	127	123	125	93	88	90	101	96	99
2	127	111	119	134	122	127	98	93	95	97	95	96
3	123	108	116	133	106	118	100	96	98	99	95	97
4	119	113	116	109	97	102	104	99	102	95	89	91
5	128	99	117	104	98	101	106	101	104	96	90	93
6	99	84	91	106	98	102	107	104	105	93	89	91
7	97	84	91	107	101	104	109	102	105	94	90	92
8	107	90	100	108	103	105	106	90	95	97	90	95
9	116	101	109	113	105	109	98	92	97	99	94	97
10	111	100	107	116	109	113	102	96	100	95	83	90
11	101	49	81	115	111	113	107	100	104	83	65	71
12	54	47	49	118	110	113	106	100	104	68	64	66
13	60	48	54	116	109	113	104	99	101	73	66	69
14	72	60	67	117	109	112	107	98	103	77	69	74
15	78	70	76	115	109	112	106	96	101	82	76	80
16	80	76	78	117	111	114	96	86	89	86	80	84
17	82	76	80	116	111	114	91	86	88	89	84	87
18	93	82	87	122	110	115	95	88	92	94	87	92
19	97	90	94	118	110	115	95	91	94	97	92	94
20	102	96	99	120	114	117	97	94	96	98	92	95
21	109	99	105	120	115	117	101	95	98	99	95	97
22	114	105	109	121	112	116	105	91	98	102	95	99
23	122	105	110	121	110	116	94	84	89	96	84	92
24	116	105	111	116	112	114	90	86	88	84	67	74
25	124	113	118	116	109	113	92	88	90	71	66	68
26	131	114	125	116	106	110	95	90	92	81	71	75
27	131	118	127	106	95	102	96	92	93	81	76	79
28	137	118	128	96	79	88	94	90	92	88	81	84
29	135	118	128	81	79	80	93	89	91	90	85	87
30	136	120	128	89	81	86	94	90	92	87	59	75
31	131	122	127	---	---	---	97	94	96	76	62	71
MONTH	137	47	102	134	79	110	109	84	96	102	59	86

02160105 TYGER RIVER NEAR DELTA, SC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	81	70	75	96	86	91	90	81	85	87	75	80
2	87	81	84	102	90	95	91	84	87	90	77	82
3	88	81	84	104	92	97	90	85	87	92	79	84
4	88	82	85	102	92	96	92	82	88	85	74	80
5	89	83	86	100	80	92	83	70	78	87	74	80
6	91	84	87	91	79	84	79	68	74	90	76	83
7	95	86	89	99	79	89	83	74	79	92	79	86
8	96	89	91	101	87	93	86	79	82	92	81	86
9	96	89	93	102	89	97	89	79	85	95	82	89
10	98	91	95	103	93	98	95	81	89	96	84	90
11	100	92	96	107	95	100	96	82	90	98	85	91
12	99	93	95	105	92	100	96	86	90	100	87	94
13	99	90	96	103	91	97	91	84	88	103	90	97
14	90	59	73	101	88	94	93	83	88	105	94	99
15	68	60	64	100	88	94	90	79	84	105	94	99
16	72	64	67	97	90	94	89	72	82	108	94	100
17	77	67	71	102	81	94	82	66	73	109	95	102
18	81	72	75	82	67	73	76	67	71	112	99	106
19	87	77	81	76	69	72	83	70	76	115	100	108
20	88	80	83	74	53	61	86	74	79	115	103	109
21	88	80	84	53	44	48	90	77	83	129	103	117
22	93	82	87	50	44	47	92	78	85	121	102	112
23	95	85	89	57	47	53	94	81	87	117	104	110
24	95	83	89	67	56	63	94	82	87	122	108	115
25	95	83	90	74	64	69	90	56	79	123	109	116
26	101	89	94	79	70	75	82	56	72	122	108	115
27	100	91	95	83	71	76	84	71	78	112	96	105
28	99	88	94	84	76	80	85	75	79	96	91	94
29	99	86	93	85	78	80	88	76	80	101	91	97
30	---	---	---	86	78	82	89	76	82	105	96	101
31	---	---	---	89	80	84	---	---	---	110	102	106
MONTH	101	59	86	107	44	83	96	56	82	129	74	98

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	115	106	111	145	132	139	141	102	123	216	160	186
2	118	107	113	134	125	129	125	98	115	190	161	175
3	119	109	114	133	129	131	118	103	113	196	107	147
4	118	112	116	139	129	134	135	106	120	132	106	118
5	115	108	112	143	138	141	137	99	114	143	114	129
6	119	106	113	149	136	143	114	98	106	141	113	131
7	124	100	114	153	136	144	111	100	105	133	115	122
8	110	100	106	151	139	145	117	101	112	132	121	127
9	118	105	113	149	140	144	128	115	122	140	125	132
10	125	110	119	140	134	137	135	123	129	137	129	133
11	120	114	117	151	134	143	141	129	135	166	130	144
12	148	116	133	157	96	142	146	129	137	162	131	145
13	131	121	125	149	102	131	147	135	141	155	139	147
14	147	122	135	130	111	123	138	129	133	174	144	156
15	151	134	141	123	110	116	154	133	144	196	145	169
16	163	151	156	122	108	117	160	144	152	191	158	178
17	159	151	156	128	116	122	167	153	160	187	168	177
18	164	151	155	---	---	---	173	160	167	186	151	160
19	181	155	171	---	---	---	173	164	169	200	155	178
20	169	153	158	---	---	---	168	157	161	194	164	184
21	181	161	168	---	---	---	166	157	161	201	187	196
22	203	180	187	164	142	151	177	161	167	192	122	174
23	208	190	198	154	121	143	185	174	179	122	92	107
24	204	177	189	144	113	130	181	173	178	132	108	121
25	190	106	165	145	118	131	180	176	179	134	92	116
26	131	121	126	141	108	117	185	173	180	144	100	122
27	145	119	132	128	109	120	181	164	169	108	82	96
28	183	145	163	136	122	130	177	162	169	101	83	94
29	181	103	138	143	129	138	180	167	175	110	96	107
30	138	119	129	153	133	141	188	178	183	118	106	113
31	---	---	---	144	116	138	216	179	187	---	---	---
MONTH	208	100	139	164	96	134	216	98	148	216	82	143
YEAR	216	44	109									

02160105 TYGER RIVER NEAR DELTA, SC--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7.1	6.8	7.4	7.1	7.2	6.9	7.1	6.8	---	---	---	---
2	7.1	6.8	7.3	7.1	7.3	6.9	7.2	6.9	---	---	---	---
3	7.1	6.8	7.2	6.9	7.2	6.7	7.1	6.9	---	---	---	---
4	7.0	6.9	7.0	6.9	7.2	6.7	7.1	6.9	---	---	---	---
5	7.1	6.7	7.0	6.9	7.2	6.7	7.1	6.9	---	---	---	---
6	6.8	6.6	7.0	6.9	7.2	6.8	7.3	6.9	---	---	---	---
7	6.9	6.6	7.1	6.9	7.2	6.8	7.1	6.8	---	---	---	---
8	7.0	6.7	7.1	7.0	7.2	6.7	7.0	6.8	---	---	---	---
9	7.0	6.8	7.1	6.8	7.2	6.7	7.0	6.8	---	---	---	---
10	6.9	6.8	7.0	6.8	7.1	6.7	6.9	6.7	---	---	---	---
11	6.8	6.2	7.0	6.8	7.2	6.8	6.7	6.5	---	---	---	---
12	6.2	6.0	7.1	6.8	7.1	6.8	6.6	6.5	---	---	---	---
13	6.2	6.0	7.1	6.9	7.1	6.8	6.9	6.5	7.3	7.0	---	---
14	6.5	6.2	7.1	6.9	7.1	7.0	7.1	6.7	7.0	6.5	---	---
15	6.6	6.4	7.2	7.0	7.3	6.9	7.1	6.7	---	---	7.1	7.0
16	6.7	6.5	7.1	6.9	7.1	6.8	6.9	6.7	---	---	7.1	7.0
17	6.8	6.6	7.1	6.9	7.1	6.8	7.2	6.7	---	---	7.2	7.0
18	6.9	6.7	7.2	6.8	7.1	6.8	7.0	6.8	---	---	---	---
19	6.9	6.7	7.2	6.8	7.1	6.8	7.1	6.8	---	---	---	---
20	6.9	6.8	7.2	6.9	7.2	6.9	7.2	6.8	---	---	---	---
21	7.1	6.8	7.2	6.9	7.1	6.9	7.1	6.8	---	---	---	---
22	7.1	7.0	7.3	7.1	7.2	6.9	7.0	6.7	---	---	6.6	6.6
23	7.1	7.0	7.4	7.1	7.1	6.9	6.9	6.5	---	---	6.8	6.6
24	7.1	6.9	7.3	7.1	7.1	6.8	6.5	6.4	---	---	6.9	6.8
25	7.1	6.9	7.3	7.1	7.0	6.8	6.6	6.3	---	---	7.0	6.9
26	7.1	6.9	7.4	7.1	7.0	6.7	6.8	6.5	---	---	7.1	6.9
27	7.1	7.0	7.1	6.9	7.0	6.7	6.8	6.5	---	---	7.1	6.9
28	7.2	7.0	7.1	6.9	7.1	6.7	6.9	6.6	---	---	7.1	7.1
29	7.2	7.0	7.3	6.8	6.9	6.8	7.0	6.6	---	---	7.2	7.1
30	7.3	7.0	7.2	6.9	7.0	6.7	6.7	6.3	---	---	7.2	7.1
31	7.2	7.0	---	---	7.0	6.8	6.7	6.3	---	---	7.2	7.1
MONTH	7.3	6.0	7.4	6.8	7.3	6.7	7.3	6.3	7.3	6.5	7.2	6.6

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.2	7.1	7.3	7.0	7.5	7.2	7.3	6.9	7.3	7.0	7.4	7.0
2	7.2	7.1	7.3	7.1	7.5	7.2	7.1	7.0	7.1	7.0	7.2	7.0
3	7.2	7.1	7.4	7.1	7.7	7.2	7.3	7.0	7.2	7.0	7.1	6.4
4	7.3	7.1	7.3	7.0	7.6	7.2	7.4	7.3	7.3	7.1	6.9	6.6
5	7.2	7.1	7.2	7.0	7.5	7.2	7.5	7.2	7.2	7.1	7.0	6.9
6	7.3	7.1	7.3	7.0	7.5	7.1	7.5	7.3	7.2	7.1	7.0	7.0
7	7.3	7.1	7.3	7.0	7.2	7.1	7.4	7.3	7.2	7.1	7.1	7.0
8	7.2	7.1	7.2	7.0	7.3	7.1	7.4	7.3	7.3	7.1	7.1	7.0
9	7.4	7.1	7.2	7.0	7.4	6.8	7.4	7.2	7.3	7.1	7.2	7.1
10	7.5	7.2	7.3	7.1	7.3	6.7	7.4	7.2	7.4	7.2	7.2	7.1
11	7.5	7.1	7.3	7.1	6.9	6.6	7.4	7.1	7.4	7.2	7.2	7.1
12	7.3	7.1	7.4	7.1	7.1	6.6	7.5	6.8	7.4	7.2	7.2	7.1
13	7.2	7.1	7.5	7.1	7.0	6.7	7.4	6.9	7.3	6.9	7.2	7.1
14	7.2	7.0	7.5	7.1	7.4	7.0	7.3	7.1	7.4	7.2	7.2	7.1
15	7.2	7.1	7.4	7.1	7.1	6.7	7.4	7.1	7.5	7.0	7.3	7.1
16	7.2	7.0	7.5	7.1	6.7	6.6	7.4	7.2	7.3	6.8	7.3	7.1
17	7.1	7.0	7.7	7.1	7.1	6.6	7.5	7.2	7.0	6.7	7.2	7.1
18	7.1	7.0	7.5	7.1	7.1	6.8	7.3	7.0	7.4	6.8	7.2	7.1
19	7.2	7.0	7.5	7.1	7.0	6.9	7.3	7.0	7.8	6.9	7.2	7.1
20	7.2	7.1	7.7	7.1	6.9	6.6	7.3	7.1	7.1	6.9	7.3	7.1
21	7.2	7.1	7.6	7.1	7.0	6.7	7.3	6.8	7.5	7.0	7.2	7.1
22	7.3	7.1	7.5	7.1	7.3	7.0	7.3	7.1	7.6	7.1	7.2	7.0
23	7.3	7.2	7.6	7.1	7.4	7.3	7.4	7.0	7.7	7.1	7.0	6.6
24	7.3	7.1	7.6	7.1	7.5	7.4	7.3	7.0	7.9	7.1	6.9	6.7
25	7.2	6.8	7.6	7.2	7.5	6.7	7.2	7.0	7.9	7.1	6.9	6.8
26	7.1	6.8	7.3	7.2	7.0	6.9	7.1	7.0	7.9	7.1	7.0	6.9
27	7.2	6.9	7.2	7.1	7.1	7.0	7.2	7.0	7.5	7.1	7.0	6.9
28	7.1	6.5	7.3	7.1	7.2	7.1	7.2	7.0	7.7	7.0	7.0	6.9
29	6.7	6.4	7.4	7.2	7.2	6.7	7.2	7.1	7.8	7.1	7.1	7.0
30	7.1	6.6	7.6	7.2	7.3	6.8	7.3	7.1	7.8	7.1	7.1	7.0
31	---	---	7.5	7.2	---	---	7.3	7.2	7.5	7.0	---	---
MONTH	7.5	6.4	7.7	7.0	7.7	6.6	7.5	6.8	7.9	6.7	7.4	6.4
YEAR	7.9	6.0										

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.5	17.0	18.5	16.5	15.0	15.5	8.0	6.5	7.0	8.0	6.5	7.0
2	19.5	16.0	18.0	17.0	15.5	16.5	6.5	5.5	6.0	10.0	8.0	9.0
3	21.0	17.5	19.0	15.5	12.5	13.5	7.0	5.0	6.0	12.0	10.0	11.0
4	19.5	18.0	18.5	12.5	11.0	11.5	8.0	5.5	7.0	13.0	12.0	12.5
5	20.0	18.0	18.5	11.0	9.5	10.5	10.0	7.0	8.5	12.0	9.0	10.5
6	19.5	17.5	18.5	11.5	9.0	10.5	12.0	10.0	11.0	9.0	7.0	7.5
7	18.5	17.0	18.0	12.5	10.0	11.5	10.5	8.5	9.0	9.0	7.5	8.0
8	18.5	16.0	17.5	13.5	11.5	12.5	8.5	7.0	7.5	7.5	6.5	7.0
9	20.0	17.0	18.5	14.5	12.5	13.5	8.0	6.0	7.0	8.0	7.5	7.5
10	19.5	19.0	19.0	15.0	13.0	14.0	10.0	8.0	9.0	11.0	8.0	9.5
11	19.5	19.0	19.5	15.0	13.5	14.0	9.5	8.0	9.0	10.0	9.0	9.5
12	20.0	19.5	19.5	14.0	13.0	13.5	9.0	7.5	8.0	9.5	8.5	9.0
13	19.5	18.5	19.0	14.0	12.0	13.0	10.5	9.0	9.5	10.0	8.5	9.5
14	19.0	18.0	18.5	14.5	12.0	13.0	12.0	10.5	11.0	9.5	7.0	8.5
15	18.5	17.5	18.0	13.5	12.0	13.0	10.5	9.0	10.0	7.0	5.5	6.0
16	19.0	17.5	18.0	12.0	10.0	10.5	10.0	8.0	9.0	6.5	4.5	5.5
17	19.0	18.0	18.5	10.0	8.5	9.0	8.0	6.5	7.5	7.5	6.0	7.0
18	19.5	18.0	18.5	9.0	7.0	8.0	7.5	6.0	7.0	7.0	6.5	6.5
19	18.5	17.0	17.5	9.5	7.0	8.5	9.0	7.5	8.0	7.0	6.0	6.5
20	17.0	16.0	16.5	11.5	9.0	10.5	9.5	9.0	9.0	8.5	7.0	7.5
21	16.5	15.0	15.5	12.0	10.5	11.5	9.5	9.0	9.5	7.0	5.0	5.5
22	15.0	13.5	14.5	14.0	12.0	13.0	10.0	9.5	10.0	5.0	3.0	3.5
23	14.5	13.0	14.0	15.0	13.0	14.0	10.0	9.0	10.0	3.5	2.5	3.0
24	13.0	11.0	12.0	15.0	14.0	14.5	9.0	7.0	8.0	3.5	1.5	2.5
25	12.5	10.0	11.0	15.0	14.0	14.5	7.0	5.0	6.0	4.0	1.5	3.0
26	12.5	10.0	11.0	16.0	15.0	15.5	5.0	3.5	4.5	4.0	3.0	3.5
27	13.0	10.0	11.5	15.0	13.0	14.0	5.0	3.5	4.5	3.0	2.0	2.5
28	13.5	11.0	12.0	13.0	12.0	12.5	5.0	3.5	4.0	3.0	1.5	2.5
29	13.5	11.0	12.5	12.0	11.0	11.5	5.0	3.5	4.0	3.0	2.5	3.0
30	14.0	11.5	13.0	11.0	8.0	9.5	5.5	3.5	4.5	3.0	2.5	3.0
31	15.5	13.0	14.5	---	---	---	6.5	5.0	6.0	4.5	3.0	3.5
MONTH	21.0	10.0	16.4	17.0	7.0	12.4	12.0	3.5	7.6	13.0	1.5	6.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	4.5	3.0	4.0	13.5	10.5	12.0	18.0	15.0	16.5	18.5	15.5	17.0
2	4.5	3.0	4.0	14.5	12.0	13.5	17.5	16.5	16.5	19.5	17.0	18.0
3	5.0	3.0	4.0	13.0	11.0	12.5	18.5	16.0	17.5	20.0	18.0	19.0
4	5.5	3.5	4.5	12.5	11.5	12.0	18.5	17.0	18.0	21.0	18.5	19.5
5	6.0	4.0	5.0	13.0	10.5	11.5	17.0	15.0	16.0	21.5	18.5	20.0
6	5.5	3.5	4.5	13.5	10.5	12.0	17.0	14.0	15.5	22.5	19.0	20.5
7	6.0	4.0	5.0	15.0	11.5	13.5	19.0	15.0	17.0	23.0	19.5	21.5
8	6.5	5.0	6.0	16.0	13.0	14.5	18.0	15.5	17.0	23.0	20.0	21.5
9	7.5	5.0	6.5	17.5	14.0	16.0	15.5	13.5	14.5	24.0	20.5	22.0
10	8.0	5.5	7.0	18.0	16.0	17.0	16.0	12.5	14.5	24.0	21.0	22.5
11	10.0	7.0	8.5	18.5	16.5	17.5	17.5	14.5	16.0	23.5	20.5	22.0
12	10.0	9.0	9.5	17.5	14.5	16.0	17.5	16.0	17.0	25.0	20.5	22.5
13	9.0	8.0	8.5	14.5	12.0	13.5	17.0	13.5	15.5	26.0	22.0	24.0
14	9.5	8.0	8.5	13.0	10.5	12.0	13.5	12.0	12.5	25.5	23.0	24.5
15	9.5	8.5	9.0	13.5	10.5	12.5	13.0	12.0	12.5	23.5	21.0	22.5
16	10.5	8.5	9.5	13.5	12.0	13.0	16.0	12.5	14.5	22.5	18.5	20.5
17	11.0	9.5	10.0	16.5	13.5	15.0	17.5	15.5	16.5	22.0	19.0	20.5
18	10.5	9.5	10.0	15.0	13.0	13.5	18.0	16.5	17.0	24.0	20.0	22.0
19	11.5	9.0	10.0	13.0	12.0	12.5	19.0	15.5	17.5	25.5	21.0	23.5
20	11.0	9.5	10.5	14.0	12.5	13.0	20.0	16.5	18.5	25.5	22.5	24.0
21	10.0	8.0	9.5	14.5	13.0	13.5	20.5	18.5	19.5	24.5	23.0	23.5
22	9.0	7.5	8.5	15.0	13.0	14.0	18.5	16.5	17.5	26.0	22.0	24.0
23	9.5	7.5	8.5	15.5	13.5	14.5	17.5	15.0	16.5	24.5	21.5	23.0
24	11.5	8.5	10.0	16.0	13.5	15.0	17.0	16.0	16.5	25.5	22.0	24.0
25	13.0	10.0	12.0	17.0	14.5	15.5	16.5	14.0	15.5	26.0	23.0	24.5
26	14.0	11.5	13.0	18.5	15.5	17.0	16.0	14.0	14.5	26.0	23.0	24.5
27	14.5	13.0	14.0	17.0	15.5	16.0	17.0	14.5	15.5	26.0	23.0	24.5
28	14.5	12.5	13.5	16.0	14.0	15.0	16.5	15.5	16.0	25.0	24.0	24.5
29	13.5	11.0	12.5	15.0	13.0	14.0	17.0	14.5	15.5	24.5	22.5	23.5
30	---	---	---	15.5	13.0	14.0	17.5	14.5	16.0	24.0	20.5	22.0
31	---	---	---	17.5	15.0	16.0	---	---	---	24.0	19.5	22.0
MONTH	14.5	3.0	8.5	18.5	10.5	14.1	20.5	12.0	16.1	26.0	15.5	22.2

02160105 TYGER RIVER NEAR DELTA, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	25.5	20.5	23.0	27.0	23.5	25.0	28.0	25.0	26.0	---	---	---
2	27.5	22.5	25.0	27.5	23.0	25.5	26.0	24.5	25.5	---	---	---
3	28.0	23.5	25.5	28.0	23.5	26.0	27.0	24.5	25.5	---	---	---
4	26.0	24.0	24.5	29.0	24.5	26.5	26.5	24.5	25.5	---	---	---
5	24.0	23.0	23.5	29.0	25.5	27.5	27.0	24.0	25.5	---	---	---
6	25.5	22.5	23.5	30.0	26.0	28.0	27.0	25.0	26.0	22.5	20.0	21.0
7	23.5	20.5	22.0	28.5	27.0	27.5	28.5	25.5	27.0	22.5	19.5	21.0
8	24.0	19.5	22.0	28.5	26.0	27.0	29.5	26.5	28.0	24.5	21.0	22.5
9	25.5	20.5	23.0	29.0	26.0	27.5	31.0	26.5	29.0	25.5	21.5	23.5
10	26.5	22.0	24.5	31.0	26.5	28.5	31.0	26.5	29.0	26.0	21.5	24.0
11	27.5	22.5	25.0	30.5	26.0	28.0	30.5	27.0	28.5	26.5	21.5	24.0
12	28.0	23.0	25.5	30.0	25.0	27.5	29.5	25.5	27.0	26.5	22.0	24.0
13	27.0	24.0	26.0	27.5	25.0	26.0	28.0	24.0	26.0	26.5	21.5	24.0
14	28.0	25.0	26.5	28.5	25.0	26.5	28.0	22.5	25.5	27.0	22.5	25.0
15	29.0	25.5	27.0	29.0	25.5	27.5	28.5	22.5	25.5	27.0	23.0	24.5
16	28.0	25.5	26.5	29.0	24.5	26.5	29.5	23.5	26.5	23.5	19.5	21.5
17	29.0	25.5	27.0	29.5	24.0	27.0	30.5	25.0	27.5	21.0	16.5	19.0
18	29.5	25.5	27.5	30.0	24.0	27.0	31.0	25.5	28.0	19.0	18.0	18.5
19	27.5	26.0	26.5	29.0	25.0	27.0	30.0	26.0	27.5	23.5	18.0	20.5
20	29.0	25.0	27.0	31.5	25.0	28.0	28.5	25.0	26.5	24.5	19.5	22.0
21	29.0	25.0	27.0	28.5	25.5	27.0	25.5	23.0	24.0	23.5	21.5	22.5
22	29.5	25.5	27.5	29.5	25.0	27.0	27.0	20.5	23.5	22.5	20.0	21.5
23	29.5	25.0	27.0	29.0	24.0	26.5	26.5	21.0	24.0	21.0	19.5	20.0
24	28.0	24.5	26.0	26.5	23.5	25.0	28.0	23.0	25.5	23.0	20.5	22.0
25	28.5	24.5	26.0	24.5	23.0	23.5	29.5	24.0	26.5	24.0	22.5	23.0
26	29.5	25.0	27.0	25.5	22.0	23.5	28.0	24.0	26.0	23.0	20.0	21.5
27	29.0	25.0	27.0	28.0	22.5	25.0	26.0	24.0	25.0	20.0	18.0	19.0
28	28.5	25.5	27.0	27.0	24.0	25.5	28.0	22.5	25.0	19.5	16.5	18.0
29	27.0	24.5	25.5	29.0	23.0	26.0	26.5	23.0	24.5	19.5	16.0	18.0
30	27.5	23.5	25.0	29.0	25.0	27.0	26.5	22.5	24.5	20.5	17.0	18.5
31	---	---	---	28.5	25.5	27.0	26.0	23.5	24.5	---	---	---
MONTH	29.5	19.5	25.5	31.5	22.0	26.5	31.0	20.5	26.1	27.0	16.0	21.6
YEAR	31.5	1.5	16.9									

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.2	7.4	7.9	8.4	7.9	8.3	11.2	10.3	10.8	11.0	10.5	10.8
2	8.5	7.8	8.1	7.9	7.5	7.7	11.6	11.2	11.3	10.7	9.9	10.3
3	8.3	7.6	8.0	8.6	7.6	8.2	11.7	11.0	11.3	10.2	9.8	10.0
4	8.0	7.7	7.9	9.5	8.6	9.1	11.5	10.6	11.0	10.3	9.9	10.1
5	8.1	7.6	7.9	10.1	9.5	9.8	11.0	9.9	10.5	11.1	10.0	10.6
6	8.0	7.6	7.8	10.1	9.6	9.9	9.9	9.3	9.5	11.9	11.1	11.6
7	8.4	7.8	8.1	9.8	9.3	9.6	10.3	9.3	9.9	11.7	11.0	11.3
8	8.7	8.1	8.4	9.6	9.0	9.3	10.8	10.0	10.4	11.5	11.0	11.3
9	8.5	7.9	8.2	9.4	8.9	9.1	11.2	10.4	10.7	11.5	11.0	11.2
10	8.0	7.8	7.9	9.2	8.6	8.9	10.4	9.6	10.0	11.1	10.2	10.6
11	7.8	6.9	7.4	9.0	8.6	8.7	10.3	9.6	9.9	10.7	10.1	10.3
12	6.9	6.4	6.6	8.9	8.6	8.8	10.3	9.9	10.1	10.7	10.3	10.6
13	7.0	6.4	6.6	9.2	8.8	9.0	9.9	9.5	9.8	10.8	10.6	10.7
14	7.7	7.0	7.4	9.2	8.6	8.8	9.6	9.2	9.3	11.4	10.6	11.0
15	8.1	7.7	8.0	9.1	8.6	8.8	10.2	9.5	9.8	12.1	11.4	11.9
16	8.2	7.9	8.1	9.7	8.9	9.3	10.4	9.7	10.1	12.3	11.8	12.1
17	8.0	7.7	7.8	10.3	9.4	9.9	11.3	10.3	10.8	11.8	11.5	11.7
18	8.0	7.7	7.9	10.8	9.9	10.2	11.4	10.9	11.1	11.7	11.5	11.6
19	8.4	7.9	8.2	10.8	9.8	10.3	10.9	10.3	10.7	11.8	11.5	11.7
20	8.5	8.3	8.4	10.2	9.2	9.6	10.3	10.0	10.2	11.5	11.2	11.3
21	8.9	8.5	8.6	9.4	9.0	9.2	10.2	10.0	10.1	12.0	11.3	11.8
22	9.0	8.6	8.8	9.0	8.4	8.7	10.0	9.8	10.0	12.7	12.0	12.5
23	9.1	8.6	8.9	8.7	8.2	8.4	10.1	10.0	10.0	12.8	12.7	12.7
24	9.6	9.1	9.4	8.4	8.1	8.2	10.9	10.1	10.5	12.9	12.5	12.7
25	10.0	9.5	9.7	8.4	8.0	8.2	11.7	10.6	11.3	12.9	12.3	12.7
26	9.9	9.5	9.7	8.2	7.7	8.0	12.5	11.6	11.9	12.6	12.3	12.5
27	9.7	9.2	9.5	8.6	7.8	8.3	12.3	11.6	11.8	13.2	12.6	13.0
28	9.7	9.1	9.3	9.2	8.5	8.9	12.3	11.5	11.8	13.4	13.0	13.2
29	9.6	9.1	9.3	9.7	9.1	9.4	12.3	11.5	11.7	13.0	12.9	13.0
30	9.3	8.8	9.1	10.4	9.5	10.0	12.3	11.4	11.7	12.9	12.5	12.7
31	8.9	8.3	8.7	---	---	---	11.7	10.9	11.3	13.0	12.4	12.6
MONTH	10.0	6.4	8.3	10.8	7.5	9.0	12.5	9.2	10.6	13.4	9.8	11.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.7	12.4	12.6	10.9	10.1	10.5	9.0	8.5	8.7	9.3	8.6	9.0
2	12.8	12.5	12.6	10.6	9.8	10.2	8.6	8.5	8.6	8.9	8.4	8.6
3	12.8	11.7	12.4	10.8	9.8	10.3	8.5	8.1	8.4	8.7	8.3	8.5
4	12.4	11.3	11.9	10.3	10.0	10.2	8.2	8.1	8.2	8.6	8.2	8.4
5	12.2	11.5	11.9	10.8	10.1	10.4	8.8	8.2	8.6	8.6	8.0	8.3
6	12.3	11.5	12.0	10.5	9.8	10.1	9.1	8.6	8.9	8.5	7.8	8.2
7	12.6	11.8	12.2	10.6	9.5	10.0	8.9	8.2	8.6	8.4	7.7	8.1
8	12.1	11.7	11.9	10.1	9.0	9.6	8.5	8.2	8.3	8.2	7.3	7.7
9	12.0	11.5	11.8	9.8	8.8	9.3	9.3	8.5	9.0	7.7	7.1	7.4
10	11.8	11.5	11.6	9.3	8.5	8.9	9.6	8.9	9.2	7.5	6.9	7.3
11	11.5	10.8	11.3	9.2	8.3	8.6	9.3	8.7	9.0	7.7	7.1	7.3
12	10.8	10.6	10.7	9.6	8.3	8.9	8.9	8.6	8.7	7.6	6.8	7.2
13	11.2	10.7	11.0	10.5	9.0	9.7	9.3	8.6	8.9	7.2	6.6	6.9
14	11.2	10.6	10.9	10.4	9.4	9.8	9.7	9.3	9.5	7.1	6.6	6.8
15	11.2	10.6	10.8	9.9	9.2	9.5	9.7	9.4	9.6	7.5	6.8	7.2
16	11.0	10.6	10.8	9.4	9.0	9.2	9.6	8.9	9.3	7.9	7.1	7.5
17	11.2	10.8	10.9	9.2	8.8	9.0	9.2	8.7	8.9	7.8	7.2	7.4
18	11.1	10.8	11.0	9.1	8.7	8.9	9.0	8.7	8.8	7.6	6.9	7.2
19	11.2	10.7	11.0	9.6	9.1	9.4	9.3	8.7	9.0	7.3	6.5	6.9
20	11.1	10.4	10.9	9.5	8.7	9.2	9.2	8.5	8.8	7.0	6.4	6.7
21	11.5	10.8	11.2	8.8	8.0	8.4	8.7	8.3	8.5	6.9	6.5	6.7
22	11.9	11.2	11.6	8.3	8.0	8.1	9.1	8.3	8.8	6.9	6.5	6.6
23	12.0	11.4	11.7	8.5	7.9	8.2	9.4	8.7	9.1	7.0	6.4	6.7
24	11.7	10.8	11.3	8.8	8.3	8.6	9.3	8.7	9.0	6.7	6.3	6.5
25	11.1	10.3	10.7	8.8	8.3	8.6	9.1	8.7	8.9	7.2	6.4	6.8
26	10.7	10.0	10.3	8.5	8.1	8.3	9.5	9.0	9.2	8.2	7.0	7.5
27	10.3	9.7	10.0	8.4	8.1	8.3	9.4	8.9	9.1	8.2	6.5	7.4
28	10.4	9.7	10.1	8.8	8.3	8.6	9.1	8.8	8.9	6.7	6.4	6.6
29	10.8	10.1	10.4	9.1	8.5	8.9	9.4	9.0	9.2	8.0	6.5	7.4
30	---	---	---	9.3	8.8	9.1	9.5	8.9	9.2	9.7	8.0	9.0
31	---	---	---	9.0	8.4	8.8	---	---	---	9.4	8.4	9.0
MONTH	12.8	9.7	11.3	10.9	7.9	9.2	9.7	8.1	8.9	9.7	6.3	7.5

02160105 TYGER RIVER NEAR DELTA, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.7	7.5	8.2	7.2	6.4	6.8	7.0	6.4	6.7	7.9	6.3	6.8
2	7.9	7.0	7.5	7.4	6.4	6.9	6.7	6.3	6.6	7.1	6.3	6.6
3	7.4	6.8	7.1	7.3	6.2	6.9	7.1	6.5	6.8	6.6	6.2	6.4
4	7.4	6.8	7.1	6.9	6.0	6.5	6.8	6.4	6.7	6.9	6.5	6.7
5	7.5	7.2	7.4	7.0	5.6	6.5	7.0	6.3	6.7	7.9	6.9	7.2
6	8.0	7.0	7.3	6.9	5.8	6.3	6.8	6.3	6.6	9.7	7.8	9.0
7	7.5	6.9	7.3	6.5	5.6	6.0	6.8	6.1	6.5	9.8	8.6	9.3
8	8.0	7.4	7.6	6.7	5.8	6.2	7.1	6.3	6.7	8.9	7.9	8.5
9	7.9	7.1	7.5	6.8	6.0	6.3	6.9	6.0	6.5	8.6	7.6	8.1
10	7.7	7.1	7.4	7.3	5.9	6.5	6.6	5.9	6.3	8.4	7.5	7.9
11	8.1	6.7	7.3	7.2	5.9	6.5	6.8	6.1	6.4	8.2	7.3	7.8
12	7.1	6.4	6.7	7.6	5.8	6.7	6.9	6.2	6.5	8.0	7.3	7.6
13	6.9	6.4	6.7	7.3	6.1	6.7	7.2	6.3	6.7	8.3	7.2	7.7
14	6.9	6.4	6.7	6.9	6.1	6.6	7.5	6.4	6.9	7.7	6.9	7.3
15	7.0	6.2	6.6	6.9	6.3	6.6	7.5	6.2	6.8	7.6	6.9	7.3
16	6.6	5.9	6.2	7.3	6.5	6.8	7.7	6.2	6.8	8.7	7.3	8.0
17	6.8	5.7	6.2	7.5	6.2	6.9	7.5	5.9	6.6	9.8	8.3	9.1
18	6.2	5.6	5.8	7.7	6.6	7.1	7.4	5.7	6.4	9.4	8.8	9.1
19	6.5	5.7	6.0	7.6	6.7	7.1	7.7	5.7	6.5	9.2	7.7	8.5
20	6.5	5.5	5.9	7.5	6.4	6.9	8.7	6.1	7.1	8.6	7.3	8.0
21	6.3	5.4	5.7	8.2	6.5	7.3	8.1	6.3	7.3	7.7	7.1	7.4
22	6.0	5.2	5.5	8.3	7.0	7.5	8.8	6.5	7.6	7.9	7.2	7.4
23	6.2	5.3	5.6	8.4	7.0	7.7	8.5	6.2	7.3	7.7	6.6	7.1
24	6.1	5.3	5.6	8.3	7.1	7.6	8.0	5.7	6.7	6.7	5.8	6.3
25	6.2	5.1	5.5	8.1	7.3	7.7	7.9	5.6	6.5	6.0	5.5	5.8
26	5.8	5.1	5.4	8.1	7.4	7.7	8.2	5.6	6.6	6.4	5.5	6.0
27	7.9	5.1	6.7	8.2	7.0	7.6	7.4	5.7	6.5	7.3	6.3	6.7
28	7.2	6.4	6.8	7.8	7.0	7.4	7.8	6.1	6.8	8.1	6.7	7.4
29	7.7	6.5	7.1	7.8	6.6	7.2	8.3	6.3	7.1	8.8	8.1	8.4
30	10.5	6.6	8.0	7.4	6.4	6.9	8.5	6.2	7.0	9.1	8.0	8.4
31	---	---	---	7.1	6.4	6.7	7.9	6.3	6.9	---	---	---
MONTH	10.5	5.1	6.7	8.4	5.6	6.9	8.8	5.6	6.7	9.8	5.5	7.6
YEAR	13.4	5.1	8.7									