

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992 to September 2003.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1991 to September 2003 (discontinued).

pH: November 1991 to September 2003 (discontinued).

WATER TEMPERATURE: March 1988 to September 1989, November 1991 to September 2003 (discontinued).

DISSOLVED OXYGEN: November 1991 to September 2003 (discontinued).

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

REMARKS.--Specific conductance records rated excellent except for Nov. 5-15, July 20-24, Aug. 26-29, and Sep. 7, 8, which are good. pH records rated good except for Oct. 11 to Nov. 4, Dec. 3-18, Feb. 13 to Mar. 19, Apr. 15 to Sep. 8, which are excellent. Temperature records rated excellent. Dissolved oxygen records rated fair except for Nov. 15 to Dec. 10, which are excellent, May 21 to June 15, which are good, and Jan. 5 to Apr. 15 and Aug. 11-29, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 290 microsiemens, Oct. 8, 2001; minimum, 29 microsiemens, July 2, 2003.

pH: Maximum, 8.9 units, Dec. 20, 2001, Apr. 7, 2002, May 2, 2002; minimum, 5.7 units, Feb. 20, 2001.

WATER TEMPERATURE: Maximum, 33.0°C, Aug 15, 1988, July 30, 2002; minimum, 3.5°C, Dec. 31, 2000, Jan. 10, 11, 2001.

DISSOLVED OXYGEN: Maximum, 13.9 mg/L, Nov. 24, 2000; minimum, 1.7 mg/L, Aug. 3, 1993.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 273 microsiemens, Oct. 1; minimum, 29 microsiemens, July 2.

pH: Maximum, 8.7 units, Nov. 7, 9; minimum, 6.1 units, July 2.

WATER TEMPERATURE: Maximum, 30.2°C, Aug. 31, Sep. 1, 2; minimum, 4.5°C, Jan. 25.

DISSOLVED OXYGEN: Maximum, 12.8 mg/L, Jan. 20, Feb. 9; minimum, 3.1 mg/L, Aug. 30, 31.

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	273	264	269	253	239	248	228	214	224	150	128	145
2	271	262	268	252	234	247	---	---	---	146	138	144
3	271	265	269	252	240	247	---	---	---	142	134	140
4	272	265	269	252	241	247	---	---	---	141	131	139
5	272	264	269	247	239	244	---	---	---	140	134	138
6	270	263	267	247	236	243	---	---	---	139	123	138
7	271	263	267	245	226	238	---	---	---	138	123	136
8	269	263	267	238	224	232	---	---	---	137	129	136
9	267	260	264	243	230	237	---	---	---	138	134	137
10	266	257	263	246	229	238	---	---	---	138	135	137
11	265	255	262	245	228	242	---	---	---	138	133	137
12	266	250	260	244	226	238	---	---	---	138	132	137
13	265	235	257	241	226	237	---	---	---	138	132	137
14	263	249	258	240	210	232	190	170	186	138	134	137
15	264	255	261	244	216	234	195	177	189	138	131	137
16	264	242	256	242	225	233	198	190	196	138	134	138
17	261	245	253	239	210	233	202	191	198	---	---	---
18	261	241	251	239	217	229	206	195	201	---	---	---
19	261	240	252	239	219	232	203	200	201	144	138	141
20	259	245	251	238	213	229	200	181	193	142	135	139
21	257	248	254	237	211	230	194	183	190	141	125	138
22	257	248	252	235	218	230	185	179	183	141	128	139
23	255	245	252	233	221	230	179	172	178	141	125	139
24	256	234	244	235	212	228	176	158	171	141	134	140
25	255	242	248	236	227	233	163	134	158	142	137	141
26	255	244	252	232	222	228	163	134	158	143	131	140
27	255	230	243	231	220	229	161	144	160	143	139	142
28	255	245	252	231	211	225	160	142	158	144	139	143
29	253	237	247	230	221	227	161	149	158	144	137	143
30	252	241	249	229	213	224	160	145	158	143	135	140
31	252	234	246	---	---	---	157	150	154	143	109	138
MONTH	273	230	257	253	210	235	---	---	---	---	---	---

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, 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	144	116	135	143	139	141	82	79	81	83	79	82
2	145	93	135	140	136	139	84	81	83	84	82	84
3	145	102	138	139	128	137	86	83	84	85	81	84
4	146	84	122	138	130	135	87	85	86	86	84	85
5	---	---	---	131	123	128	88	85	87	88	85	87
6	---	---	---	127	96	107	90	86	89	88	80	84
7	146	127	144	104	90	98	91	87	90	88	83	86
8	148	140	145	109	86	99	90	88	89	93	85	90
9	150	140	146	112	101	109	89	82	85	96	90	94
10	150	112	143	113	105	109	87	73	80	98	89	96
11	149	128	143	110	102	107	92	81	89	98	95	97
12	153	140	149	107	98	105	83	68	76	98	90	96
13	155	142	152	106	97	103	69	60	66	97	92	96
14	155	138	153	100	91	97	66	62	64	97	92	95
15	155	145	152	100	90	96	68	64	66	97	93	95
16	155	127	148	98	81	91	71	68	69	96	93	95
17	149	103	135	102	78	94	74	70	72	96	92	95
18	152	121	143	107	92	102	75	73	74	98	91	95
19	152	133	148	111	104	107	76	74	75	97	93	96
20	152	146	150	107	84	95	78	76	77	97	92	96
21	152	131	147	105	91	100	80	78	79	98	92	95
22	150	136	142	102	81	91	79	77	78	96	95	96
23	145	131	139	81	72	74	78	77	78	96	89	93
24	146	135	143	75	70	73	78	76	78	98	94	97
25	147	131	143	74	66	73	78	77	78	100	93	97
26	146	132	142	75	69	72	78	76	77	97	92	95
27	142	131	139	74	73	73	80	77	79	92	86	88
28	142	136	139	76	74	75	81	78	80	88	83	85
29	---	---	---	78	76	77	82	78	81	85	82	84
30	---	---	---	80	76	78	83	79	82	86	84	85
31	---	---	---	81	78	79	---	---	---	86	85	86
MONTH	---	---	---	143	66	99	92	60	79	100	79	91

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	87	86	86	83	82	83	97	89	94	98	88	92
2	86	80	85	83	29	61	97	90	95	96	93	95
3	86	80	84	69	64	67	96	87	92	96	92	95
4	84	82	83	80	69	74	96	60	89	95	90	93
5	88	76	83	84	77	81	94	79	91	94	89	93
6	88	87	88	87	76	82	109	89	98	92	84	88
7	88	85	87	93	78	87	96	90	93	93	81	88
8	90	87	88	96	86	94	99	90	96	---	---	---
9	91	89	90	98	89	95	100	88	94	---	---	---
10	93	90	92	99	92	96	103	94	99	---	---	---
11	93	92	93	98	92	96	106	94	102	---	---	---
12	92	84	91	100	89	96	107	101	105	---	---	---
13	93	85	90	102	95	100	107	101	104	---	---	---
14	92	89	90	102	98	101	104	100	102	---	---	---
15	90	88	89	104	97	102	104	99	102	---	---	---
16	88	87	88	106	102	105	103	100	102	---	---	---
17	88	85	87	104	102	103	103	97	101	---	---	---
18	88	83	87	105	100	103	104	97	102	---	---	---
19	86	81	85	103	98	101	103	94	101	---	---	---
20	85	81	83	100	93	97	103	97	100	---	---	---
21	87	84	86	98	90	96	100	96	99	---	---	---
22	89	84	87	97	88	94	98	92	95	---	---	---
23	89	85	88	94	80	90	95	92	94	---	---	---
24	89	85	87	---	---	---	95	90	93	---	---	---
25	90	83	87	95	87	92	93	88	92	---	---	---
26	88	79	86	95	90	93	94	89	92	---	---	---
27	86	81	83	95	89	92	94	87	91	---	---	---
28	84	81	83	95	90	93	94	86	92	---	---	---
29	85	77	81	96	88	93	95	88	93	---	---	---
30	85	80	83	96	87	92	96	92	94	---	---	---
31	---	---	---	97	88	93	96	89	93	---	---	---
MONTH	93	76	87	---	---	---	109	60	96	---	---	---

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, 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	8.5	7.2	7.5	7.0	7.4	7.0	7.2	7.1	7.4	7.2	7.2	7.1
2	8.3	7.2	7.7	7.0	7.2	7.0	7.1	7.1	7.4	7.3	7.2	7.1
3	7.9	7.2	7.6	7.1	7.4	7.0	7.1	7.1	7.5	7.3	7.2	7.1
4	8.2	7.2	7.5	7.1	7.1	7.0	7.1	7.0	7.6	7.3	7.2	7.2
5	8.4	7.2	7.6	7.2	7.3	7.1	7.1	7.0	---	---	7.2	7.2
6	8.6	7.2	8.3	7.2	7.4	7.0	7.0	6.9	7.5	7.3	7.2	7.0
7	8.5	7.1	8.7	7.3	7.2	7.0	7.0	7.0	7.4	7.3	7.0	6.9
8	8.2	7.2	8.6	7.3	7.2	7.0	7.1	7.0	7.8	7.3	7.0	6.9
9	8.1	7.2	8.7	7.2	7.1	7.0	7.3	7.0	7.9	7.2	7.1	7.0
10	8.3	7.2	8.2	7.1	7.1	7.0	7.2	7.0	7.3	7.2	7.1	7.1
11	7.8	7.2	7.4	7.0	7.1	7.0	7.4	7.0	7.6	7.2	7.1	7.0
12	8.0	7.1	7.1	7.0	7.1	7.0	7.4	7.1	7.4	7.2	7.1	7.0
13	7.8	7.1	7.3	7.1	7.0	6.8	7.4	7.1	7.3	7.2	7.0	7.0
14	8.0	7.1	7.4	7.1	6.9	6.8	7.4	7.1	7.3	7.2	7.0	6.9
15	7.8	7.0	7.3	7.0	7.0	6.9	7.4	7.1	7.6	7.2	7.0	6.9
16	7.3	7.0	7.1	7.0	7.0	7.0	---	---	7.4	7.2	7.0	6.9
17	7.6	7.0	7.2	7.0	7.1	7.0	---	---	7.2	7.0	7.0	6.7
18	7.7	7.1	7.2	7.0	7.2	7.0	---	---	7.3	7.1	7.0	6.9
19	7.6	7.2	7.2	7.0	7.2	7.2	7.3	7.1	7.4	7.1	7.1	7.0
20	7.8	7.0	7.0	6.9	7.2	7.1	7.6	7.1	7.3	7.2	7.1	6.9
21	7.7	7.0	7.0	7.0	7.2	7.2	7.5	7.1	7.2	7.1	7.2	7.0
22	7.4	7.0	7.1	7.0	7.2	7.1	8.0	7.2	7.2	7.1	7.2	7.0
23	8.1	7.0	7.3	7.0	7.2	7.1	7.6	7.2	7.2	7.1	7.0	6.9
24	8.0	7.0	7.3	7.1	7.2	7.1	7.6	7.3	7.2	7.1	7.0	6.9
25	7.5	7.0	7.2	7.0	7.1	7.0	7.6	7.3	7.2	7.1	7.0	6.8
26	7.5	7.1	7.2	7.0	7.2	7.0	7.6	7.2	7.2	7.2	6.9	6.9
27	7.5	7.1	7.2	7.1	7.2	7.1	7.7	7.2	7.2	7.1	7.0	6.9
28	7.8	7.0	7.5	7.0	7.2	7.1	7.8	7.2	7.2	7.2	7.0	6.9
29	7.2	7.0	7.4	7.0	7.2	7.1	7.7	7.2	---	---	7.0	6.9
30	7.5	7.0	7.6	7.0	7.2	7.2	7.2	7.1	---	---	7.1	6.9
31	7.5	7.0	---	---	7.2	7.1	7.2	7.0	---	---	7.1	7.0
MONTH	8.6	7.0	8.7	6.9	7.4	6.8	---	---	---	---	7.2	6.7

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7.0	7.0	7.0	6.9	7.2	7.0	6.9	6.9	6.8	6.7	6.8	6.6
2	7.1	7.0	7.1	6.9	7.1	6.9	6.9	6.1	6.8	6.6	6.8	6.6
3	7.1	7.0	7.2	7.0	7.0	6.8	6.8	6.6	6.8	6.6	6.8	6.7
4	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.8	6.5	6.8	6.6
5	7.1	7.0	7.0	6.9	7.1	6.8	6.9	6.7	6.9	6.7	6.9	6.7
6	7.1	7.0	7.0	7.0	7.1	7.0	6.9	6.7	6.9	6.8	6.9	6.6
7	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.7	6.9	6.7	6.8	6.8
8	7.1	7.0	7.1	7.0	7.0	6.9	6.9	6.8	6.9	6.8	---	---
9	7.1	7.0	7.2	7.1	7.2	7.0	6.9	6.7	6.9	6.7	---	---
10	7.2	6.9	7.2	7.1	7.1	7.0	6.9	6.8	6.8	6.7	---	---
11	7.2	7.1	7.2	7.1	7.1	7.0	6.9	6.8	6.9	6.8	---	---
12	7.2	7.0	7.4	7.2	7.1	6.9	6.9	6.7	6.9	6.8	---	---
13	7.0	6.9	7.4	7.1	7.0	6.8	6.8	6.7	6.9	6.7	---	---
14	7.0	6.9	7.2	7.1	7.1	7.0	6.8	6.8	6.9	6.8	---	---
15	7.0	6.9	7.1	7.1	7.1	7.0	6.9	6.8	7.0	6.8	---	---
16	6.9	6.9	7.2	7.0	7.1	7.0	6.9	6.8	6.9	6.8	---	---
17	7.0	6.9	7.1	7.0	7.0	6.9	6.9	6.8	6.9	6.7	---	---
18	7.0	6.9	7.1	7.0	7.0	6.9	6.9	6.8	6.9	6.7	---	---
19	7.0	6.9	7.1	7.0	7.1	6.9	6.9	6.8	6.8	6.7	---	---
20	7.1	7.0	7.2	7.0	7.0	6.9	6.8	6.7	6.8	6.7	---	---
21	7.0	7.0	7.1	6.9	7.1	6.9	6.8	6.7	6.8	6.7	---	---
22	7.1	7.0	7.0	7.0	7.1	6.9	6.8	6.7	6.8	6.6	---	---
23	7.1	7.0	7.2	7.0	7.1	7.0	6.8	6.6	6.8	6.7	---	---
24	7.1	7.0	7.2	7.0	7.1	6.9	---	---	6.8	6.6	---	---
25	7.0	7.0	7.1	7.0	7.0	6.9	6.8	6.7	6.8	6.5	---	---
26	7.1	7.0	7.2	7.0	7.0	6.8	6.8	6.7	6.9	6.6	---	---
27	7.1	7.1	7.2	7.0	6.9	6.8	6.8	6.7	6.8	6.6	---	---
28	7.1	7.0	7.2	7.1	6.9	6.8	6.9	6.7	6.7	6.6	---	---
29	7.1	7.0	7.1	7.0	6.9	6.8	6.9	6.7	6.7	6.6	---	---
30	7.1	6.9	7.2	7.1	7.0	6.8	6.9	6.7	6.7	6.6	---	---
31	---	---	7.1	7.0	---	---	6.8	6.6	6.7	6.6	---	---
MONTH	7.2	6.9	7.4	6.9	7.2	6.8	---	---	7.0	6.5	---	---

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, 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	27.7	24.1	25.8	20.4	17.1	19.3	13.1	9.9	12.1	9.2	8.3	8.7
2	28.0	24.2	26.1	19.9	15.4	18.8	12.8	10.6	12.1	8.7	8.4	8.6
3	27.6	24.2	26.1	19.1	16.9	18.3	12.6	11.3	12.1	8.8	8.5	8.6
4	28.0	24.5	26.2	18.8	17.6	18.4	11.8	10.4	11.3	8.7	8.2	8.5
5	28.6	24.9	26.4	18.6	17.1	17.9	11.4	10.2	11.1	8.7	6.4	8.2
6	28.3	25.1	26.4	18.9	17.2	18.3	11.5	9.8	10.7	8.6	7.8	8.2
7	28.1	24.9	26.3	18.3	15.7	16.8	11.3	8.3	10.5	8.3	7.4	7.9
8	27.1	23.3	24.6	18.1	15.0	16.4	11.0	8.6	10.3	8.8	7.1	8.0
9	25.1	23.2	24.0	18.8	14.9	16.8	10.5	9.5	10.1	10.3	7.8	8.3
10	26.3	23.7	24.7	18.8	16.5	17.5	10.2	8.9	9.9	8.9	8.2	8.5
11	25.5	24.2	24.8	18.1	17.3	17.6	10.0	9.6	9.9	9.0	6.9	8.2
12	26.6	23.5	24.9	17.5	17.3	17.4	9.8	9.0	9.6	8.8	6.0	7.7
13	25.9	23.6	24.6	17.7	17.2	17.4	9.6	9.1	9.3	8.2	6.8	7.8
14	25.0	23.1	23.7	17.5	16.3	17.0	9.3	8.8	9.0	8.8	6.6	7.9
15	23.9	21.8	22.9	17.2	15.8	16.6	8.9	8.3	8.6	8.5	6.5	7.6
16	23.7	21.8	22.9	16.8	16.1	16.4	8.6	8.0	8.3	---	---	---
17	24.7	20.8	22.5	16.5	15.5	16.3	8.6	8.0	8.2	---	---	---
18	23.7	20.5	22.3	16.2	14.3	15.8	8.3	7.8	8.1	---	---	---
19	23.3	20.0	21.8	16.1	14.8	15.5	8.4	8.2	8.3	7.6	4.9	6.8
20	22.9	20.3	21.5	15.7	13.3	15.1	8.8	8.2	8.5	9.3	5.0	7.3
21	23.1	21.0	22.2	15.4	14.2	15.0	8.8	8.2	8.4	9.8	7.2	7.8
22	22.0	20.0	21.5	15.3	14.3	14.8	9.0	7.8	8.4	8.5	7.1	7.5
23	22.0	20.8	21.5	15.2	11.5	14.2	8.8	8.0	8.5	7.2	5.5	6.5
24	21.4	20.5	20.9	15.2	12.0	14.0	8.6	8.4	8.5	7.4	5.5	6.3
25	21.3	20.0	20.7	14.8	12.1	14.0	8.9	8.5	8.7	7.2	4.5	6.1
26	21.7	20.4	21.0	14.4	12.1	13.8	8.8	8.1	8.5	7.2	5.0	6.1
27	21.6	20.2	20.8	14.0	12.0	13.5	8.8	8.2	8.5	6.6	5.2	6.1
28	22.2	20.6	21.0	13.3	11.2	12.6	8.8	7.8	8.4	7.2	5.0	6.1
29	20.8	19.5	20.1	13.7	11.2	12.6	8.9	7.7	8.4	8.2	5.3	6.4
30	20.1	18.1	19.7	13.5	11.6	12.8	8.8	8.2	8.5	6.7	6.4	6.5
31	20.4	17.5	19.6	---	---	---	8.8	8.2	8.5	6.5	6.2	6.3
MONTH	28.6	17.5	23.1	20.4	11.2	16.0	13.1	7.7	9.4	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	7.6	6.2	6.6	9.1	8.8	9.0	15.7	14.9	15.3	18.0	16.7	17.3
2	7.7	5.8	6.7	9.5	9.1	9.3	16.1	15.1	15.5	19.4	16.9	17.9
3	8.2	6.2	6.8	9.7	9.1	9.4	16.4	15.4	15.8	20.0	18.8	19.3
4	8.0	6.7	7.3	9.6	9.0	9.2	16.6	15.8	16.1	19.1	18.7	19.0
5	8.0	6.0	7.2	9.1	8.8	9.0	16.6	16.0	16.3	18.7	18.3	18.5
6	7.4	7.1	7.3	10.3	8.9	9.9	16.8	15.9	16.3	19.4	18.4	19.1
7	7.5	7.2	7.3	10.3	9.9	10.1	16.2	15.6	16.0	20.4	19.2	19.8
8	8.0	6.8	7.3	10.0	9.5	9.7	16.1	15.6	15.9	21.2	20.1	20.6
9	8.8	6.9	7.4	10.5	9.7	10.1	15.7	14.9	15.2	21.8	20.8	21.2
10	8.2	7.2	7.4	11.3	10.4	10.9	15.0	13.9	14.4	22.0	21.2	21.6
11	9.0	6.4	7.5	11.5	10.6	11.1	14.9	13.3	14.5	22.4	21.6	21.9
12	8.0	6.8	7.5	11.7	10.9	11.3	13.3	12.6	12.9	23.1	22.0	22.5
13	8.1	6.9	7.7	11.6	11.0	11.4	13.3	12.5	12.9	23.2	21.5	22.4
14	7.9	7.3	7.7	12.5	11.4	12.1	13.4	12.8	13.0	22.5	21.3	22.0
15	9.9	7.7	8.2	12.2	11.6	12.0	13.9	12.9	13.3	21.9	21.2	21.6
16	8.2	7.4	7.9	12.7	12.0	12.4	14.6	13.4	13.9	22.6	21.5	21.9
17	7.7	5.8	7.2	12.8	12.5	12.7	14.6	13.8	14.1	21.9	21.6	21.8
18	7.9	7.0	7.6	13.1	12.8	12.9	14.6	13.7	14.1	21.8	21.4	21.6
19	8.5	7.2	7.8	13.2	13.0	13.0	15.6	14.6	15.2	21.6	21.1	21.4
20	8.5	7.6	7.9	13.2	13.0	13.1	16.0	15.6	15.7	22.6	20.9	21.5
21	8.4	7.8	8.1	13.4	13.1	13.2	16.0	15.8	15.8	22.6	21.1	21.6
22	8.8	8.1	8.5	13.7	13.3	13.5	16.7	15.7	16.2	21.5	21.3	21.4
23	9.5	8.6	8.9	13.6	13.3	13.5	16.7	16.2	16.4	21.5	21.0	21.2
24	9.3	8.6	8.9	14.1	13.3	13.6	16.4	15.8	16.1	21.5	20.8	21.3
25	9.4	8.8	9.1	14.1	13.4	13.7	16.0	15.8	15.9	21.1	20.6	20.8
26	9.3	9.1	9.2	14.1	13.3	13.7	16.9	15.9	16.3	21.4	20.6	20.9
27	9.2	8.8	8.9	15.1	13.9	14.6	17.4	16.8	17.0	21.6	20.6	21.0
28	9.0	8.7	8.8	15.0	14.2	14.6	18.0	16.6	17.2	22.1	21.0	21.5
29	---	---	---	15.7	14.7	15.2	18.2	16.6	17.2	21.7	21.0	21.4
30	---	---	---	16.3	15.4	15.9	18.0	16.8	17.3	22.2	21.5	21.8
31	---	---	---	15.8	15.2	15.5	---	---	---	21.8	21.5	21.6
MONTH	9.9	5.8	7.8	16.3	8.8	12.1	18.2	12.5	15.4	23.2	16.7	20.9

## SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, 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
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.9	21.8	22.4	26.7	26.3	26.5	28.3	26.8	27.5	30.2	27.0	29.2
2	22.6	21.6	22.1	26.3	22.1	24.5	28.3	27.1	27.6	30.2	27.6	28.7
3	21.9	21.4	21.6	26.0	25.0	25.6	28.6	26.9	27.6	29.4	27.9	28.6
4	22.1	21.5	21.7	26.8	25.4	26.1	28.3	25.7	27.4	29.5	27.9	28.6
5	23.8	21.7	22.5	27.2	25.8	26.5	28.3	27.4	27.8	29.9	27.7	28.7
6	23.2	22.3	22.7	27.7	26.3	26.9	28.8	27.6	28.2	28.5	27.1	27.7
7	22.6	22.2	22.4	27.4	25.7	26.7	28.8	27.7	28.2	27.7	26.3	26.9
8	23.3	22.4	22.9	27.9	26.8	27.3	28.8	27.6	28.3	---	---	---
9	24.5	23.0	23.7	27.8	26.5	27.2	29.0	27.7	28.2	---	---	---
10	24.4	24.0	24.2	27.7	26.6	27.3	28.7	27.6	28.2	---	---	---
11	24.5	24.2	24.3	28.0	26.6	27.4	28.8	27.8	28.3	---	---	---
12	24.5	23.9	24.3	28.3	26.9	27.5	28.6	27.7	28.1	---	---	---
13	25.0	24.0	24.4	27.7	26.9	27.3	28.9	27.8	28.2	---	---	---
14	25.2	24.3	24.8	28.2	27.2	27.6	28.8	27.9	28.3	---	---	---
15	25.7	25.0	25.3	28.5	27.3	27.9	28.8	28.1	28.4	---	---	---
16	25.8	25.3	25.5	28.6	27.7	28.1	28.8	28.2	28.5	---	---	---
17	25.6	25.0	25.2	29.0	28.0	28.5	28.9	28.1	28.5	---	---	---
18	25.6	25.0	25.3	28.7	27.7	28.1	29.3	28.2	28.8	---	---	---
19	26.2	25.2	25.6	28.8	27.6	27.9	28.9	28.1	28.5	---	---	---
20	26.4	25.7	26.1	28.1	27.2	27.6	28.8	28.0	28.4	---	---	---
21	26.6	26.0	26.3	28.1	26.9	27.5	28.9	28.0	28.4	---	---	---
22	26.9	25.4	26.3	28.1	27.4	27.7	28.9	27.7	28.3	---	---	---
23	26.9	26.0	26.4	27.8	26.4	27.3	29.0	28.4	28.6	---	---	---
24	27.0	25.5	26.3	---	---	---	28.6	28.1	28.4	---	---	---
25	27.1	25.8	26.4	28.8	26.7	27.7	29.3	27.3	28.4	---	---	---
26	26.9	25.4	26.2	28.2	27.3	27.7	29.4	27.9	28.7	---	---	---
27	27.0	25.8	26.3	29.1	27.0	27.7	30.0	28.2	28.9	---	---	---
28	26.5	25.6	26.1	29.1	26.7	27.8	29.3	28.2	28.8	---	---	---
29	27.6	25.0	26.0	29.8	27.1	28.0	29.7	27.9	28.6	---	---	---
30	26.9	25.3	26.2	28.7	26.9	27.6	29.6	27.8	28.6	---	---	---
31	---	---	---	28.2	26.7	27.5	30.2	28.0	29.1	---	---	---
MONTH	27.6	21.4	24.6	---	---	---	30.2	25.7	28.3	---	---	---

SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, 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	8.5	5.2	6.5	7.9	4.8	5.8	9.8	7.4	8.1	10.6	10.0	10.3
2	8.2	5.4	6.5	8.8	5.1	6.1	8.4	7.4	8.0	10.3	10.1	10.2
3	8.0	5.0	6.1	9.1	5.3	6.1	8.7	7.2	7.6	10.3	10.0	10.1
4	8.5	5.0	6.3	8.3	5.2	6.1	8.4	7.3	7.7	10.3	10.0	10.1
5	8.2	5.0	6.3	8.3	5.4	6.7	8.5	7.1	7.7	10.9	10.0	10.3
6	8.3	5.3	6.5	9.7	6.4	7.5	8.6	7.6	8.1	10.4	10.0	10.2
7	8.6	5.1	6.5	10.5	7.0	8.3	9.0	7.2	7.8	10.5	10.2	10.4
8	7.5	5.2	6.1	10.5	7.7	8.7	8.6	7.3	7.8	10.8	10.3	10.5
9	8.1	5.6	6.5	10.6	7.8	8.9	8.2	7.0	7.5	11.1	10.2	10.4
10	8.1	5.6	6.5	9.7	6.8	8.3	---	---	---	10.7	10.2	10.3
11	7.8	5.5	6.4	9.1	6.7	7.2	---	---	---	11.5	10.4	10.7
12	8.3	5.4	6.5	7.4	6.3	6.7	---	---	---	11.5	10.4	10.7
13	7.9	5.4	6.5	7.9	6.9	7.4	---	---	---	11.5	10.4	10.7
14	8.4	5.5	6.8	8.0	7.0	7.5	8.9	8.5	8.8	11.5	10.6	10.8
15	7.7	4.6	5.7	7.8	7.4	7.5	9.4	8.8	9.1	11.5	10.6	10.8
16	6.8	4.5	5.3	8.0	7.1	7.6	9.7	9.3	9.6	---	---	---
17	7.7	4.6	5.8	8.1	7.3	7.7	10.4	9.6	9.9	---	---	---
18	7.7	5.3	6.2	8.6	7.5	8.0	10.2	9.6	10.0	---	---	---
19	7.1	5.4	6.0	8.3	7.8	8.0	10.4	10.1	10.3	12.2	11.0	11.3
20	8.8	4.6	5.6	8.7	7.4	7.7	10.7	9.8	10.2	12.8	10.9	11.7
21	8.0	4.2	5.6	8.0	7.2	7.6	10.7	10.3	10.4	11.2	10.4	10.9
22	7.0	4.9	5.6	8.0	6.7	7.6	10.9	10.4	10.5	11.6	10.2	10.4
23	8.2	5.0	5.7	9.7	7.2	7.8	10.8	10.1	10.5	11.5	10.1	10.4
24	8.6	4.9	5.4	9.3	7.3	7.9	10.6	10.0	10.4	11.2	10.0	10.2
25	7.1	4.7	5.2	8.8	7.3	7.9	10.4	10.0	10.3	10.8	10.0	10.3
26	7.3	4.6	5.5	8.9	7.1	7.6	10.5	9.9	10.3	11.6	10.0	10.4
27	8.0	5.1	5.7	8.5	7.2	7.6	10.6	10.2	10.4	---	---	---
28	8.0	4.4	5.4	9.1	7.4	7.8	10.7	10.1	10.5	---	---	---
29	6.8	4.8	5.5	9.4	7.4	8.0	10.8	10.4	10.5	---	---	---
30	8.3	4.7	5.6	9.6	7.1	7.8	10.6	10.4	10.4	---	---	---
31	7.5	4.9	6.2	---	---	---	10.5	10.2	10.3	---	---	---
MONTH	8.8	4.2	6.0	10.6	4.8	7.5	---	---	---	---	---	---

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

## SANTEE RIVER BASIN

02148000 WATEREE RIVER NEAR CAMDEN, 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	8.6	7.9	8.3	4.9	4.2	4.5	5.6	4.3	5.1	5.0	3.4	4.2
2	8.2	7.6	8.0	---	---	---	6.3	4.0	5.1	5.6	3.9	4.6
3	7.6	7.2	7.4	---	---	---	5.6	4.2	4.7	4.9	3.6	4.2
4	7.4	7.2	7.3	---	---	---	5.8	3.8	5.0	4.7	3.6	4.1
5	7.3	6.6	7.0	---	---	---	6.5	4.8	5.8	5.9	3.8	5.0
6	7.4	6.7	7.1	---	---	---	6.4	5.2	5.8	6.3	4.2	4.8
7	6.7	6.3	6.5	---	---	---	6.4	4.7	5.5	6.5	5.2	5.6
8	6.6	6.3	6.5	6.0	5.6	5.8	6.0	4.9	5.5	---	---	---
9	7.4	6.5	6.8	5.6	5.2	5.4	6.1	4.6	5.1	---	---	---
10	7.2	6.8	7.0	6.0	5.2	5.5	5.1	4.2	4.7	---	---	---
11	7.2	6.7	6.9	6.8	5.5	5.8	6.3	4.9	5.4	---	---	---
12	7.0	6.5	6.7	5.9	5.1	5.5	6.2	4.7	5.3	---	---	---
13	6.7	6.1	6.5	5.5	4.6	5.0	5.8	4.8	5.2	---	---	---
14	7.0	6.6	6.8	5.5	4.7	5.0	5.5	4.9	5.3	---	---	---
15	6.9	6.5	6.8	5.8	5.2	5.6	5.7	5.0	5.4	---	---	---
16	6.9	6.5	6.7	5.9	5.4	5.7	5.4	4.7	5.2	---	---	---
17	6.5	6.1	6.3	6.2	5.7	6.0	5.4	4.6	5.0	---	---	---
18	6.3	6.0	6.2	5.9	5.5	5.7	5.5	4.6	5.1	---	---	---
19	6.8	6.0	6.2	6.1	5.6	5.8	5.0	4.4	4.8	---	---	---
20	6.7	6.1	6.4	5.8	5.2	5.6	5.0	4.4	4.7	---	---	---
21	6.8	6.1	6.4	5.5	5.0	5.2	5.2	4.7	5.0	---	---	---
22	6.9	6.0	6.5	5.6	5.0	5.3	5.6	4.4	5.2	---	---	---
23	6.8	6.1	6.5	5.8	5.1	5.4	5.7	5.3	5.6	---	---	---
24	6.6	5.7	6.2	---	---	---	5.4	4.6	5.0	---	---	---
25	6.2	5.6	6.0	6.2	5.0	5.7	5.2	4.2	4.7	---	---	---
26	5.7	5.2	5.5	5.8	4.8	5.3	5.4	4.3	4.9	---	---	---
27	5.6	5.0	5.2	5.9	4.5	5.0	5.2	4.3	4.7	---	---	---
28	5.6	4.9	5.2	6.1	4.3	5.2	4.8	3.8	4.4	---	---	---
29	5.5	4.4	5.0	6.5	4.9	5.6	4.5	3.4	3.9	---	---	---
30	5.1	4.3	4.7	6.5	4.8	5.5	4.6	3.1	3.8	---	---	---
31	---	---	---	5.8	4.2	4.8	4.4	3.1	3.9	---	---	---
MONTH	8.6	4.3	6.5	---	---	---	6.5	3.1	5.0	---	---	---