

## WACCAMAW RIVER BASIN

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC--Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1986 to 1989, to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: February 1986 to September 1989, February 1994 to current year.

pH: February 1986 to September 1989 (discontinued).

WATER TEMPERATURE: February 1986 to September 1989 (discontinued).

DISSOLVED OXYGEN: February 1986 to September 1989 (discontinued).

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

REMARKS.--Specific conductance records rated excellent except for Oct. 16 to Nov. 25, which are good, and Mar. 18 to Apr. 14, which are fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 293 microsiemens, Nov. 26, 1996; minimum, 32 microsiemens, Sep. 19, 20, 22, 1996.

pH: Maximum, 8.0 units, Aug. 22, 1988; minimum, 5.2 units, Sept. 22, 1987.

WATER TEMPERATURE: Maximum, 33.0°C, Jul. 21, 1986, Jul. 11, 1987; minimum, 6.0°C, Jan. 29, 1987, Dec. 18, 19, 1988.

DISSOLVED OXYGEN: Maximum, 11.7 mg/L, Jan. 21, 1988; minimum, 1.1 mg/L, Sep. 30, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 197 microsiemens, Oct. 8, 9; minimum, 67 microsiemens, Apr. 21.

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	157	142	149	138	128	134	120	114	117	133	122	128
2	157	142	149	138	127	132	123	114	119	135	126	130
3	157	137	148	137	117	130	126	113	120	135	124	129
4	167	139	152	137	117	129	129	115	122	131	124	127
5	173	144	157	137	117	131	128	118	123	131	123	126
6	186	147	165	157	127	136	133	120	125	134	123	126
7	192	152	173	147	137	144	133	120	126	130	123	126
8	197	154	175	157	136	146	132	121	126	134	127	130
9	197	158	177	146	136	140	132	122	127	136	129	132
10	195	154	174	136	126	135	143	120	129	142	130	132
11	---	---	---	166	126	133	139	129	133	136	130	132
12	---	---	---	176	136	142	136	126	129	134	129	131
13	---	---	---	146	126	141	181	130	139	134	129	132
14	---	---	---	146	126	134	142	123	131	139	130	133
15	---	---	---	136	115	124	130	121	126	140	131	135
16	---	---	---	125	115	119	130	122	125	145	133	138
17	---	---	---	135	115	125	130	122	126	146	134	139
18	---	---	---	135	125	127	131	123	126	146	136	141
19	---	---	---	135	115	125	129	123	125	146	136	142
20	---	---	---	125	115	120	134	122	127	152	141	144
21	---	---	---	125	115	117	131	123	126	152	144	148
22	---	---	---	115	114	114	128	121	124	158	145	151
23	---	---	---	114	114	114	127	118	122	156	146	151
24	129	119	123	114	114	114	151	118	126	155	147	151
25	129	119	124	117	112	115	140	119	127	158	151	154
26	129	118	123	118	112	114	124	119	122	161	150	154
27	138	118	124	118	112	114	127	119	123	158	149	154
28	128	118	126	118	112	114	126	119	123	160	152	156
29	138	118	127	118	111	113	127	119	123	161	151	156
30	138	128	130	119	110	114	132	122	124	164	153	158
31	138	128	133	---	---	---	131	123	125	164	154	159
MONTH	---	---	---	176	110	126	181	113	125	164	122	140

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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	165	153	159	141	132	136	80	77	78	80	74	76
2	165	154	160	165	133	141	79	77	78	81	76	78
3	165	156	161	147	130	137	79	77	78	83	77	79
4	164	154	160	134	127	130	80	77	78	82	78	80
5	168	156	163	130	124	127	79	75	77	83	77	80
6	168	156	163	144	125	131	81	76	78	85	77	79
7	175	162	168	171	130	138	105	78	86	101	78	90
8	176	167	171	140	123	128	95	83	87	93	80	85
9	180	168	174	126	120	123	98	80	88	92	80	85
10	178	166	172	126	121	122	100	78	84	89	81	86
11	173	163	168	127	119	122	86	77	79	92	83	86
12	169	160	165	125	117	119	87	78	80	90	82	86
13	166	156	160	127	117	120	83	78	80	95	83	88
14	163	154	159	128	116	118	87	77	79	96	83	88
15	162	153	158	162	116	127	80	75	77	95	83	88
16	164	152	158	151	106	120	78	73	76	96	84	88
17	162	153	158	112	103	106	77	70	73	96	86	90
18	161	151	157	121	110	114	74	69	71	98	86	90
19	159	147	154	115	106	110	71	68	69	94	83	87
20	159	144	149	140	106	115	70	68	68	91	85	87
21	152	141	146	120	92	106	69	67	68	91	83	87
22	148	139	143	101	88	96	70	68	69	90	83	86
23	151	140	145	99	94	97	70	68	69	116	83	99
24	147	136	140	103	94	96	69	68	68	106	96	100
25	140	133	137	97	89	92	95	68	74	102	94	97
26	140	133	136	89	86	87	80	71	74	100	93	96
27	138	131	135	88	83	86	73	71	72	99	90	95
28	141	136	138	84	81	83	73	70	72	99	91	94
29	---	---	---	84	80	82	74	71	72	102	92	96
30	---	---	---	---	---	---	76	72	74	104	96	98
31	---	---	---	81	77	80	---	---	---	102	93	97
MONTH	180	131	156	---	---	---	105	67	76	116	74	88

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	104	96	99	85	80	82	82	75	79	82	76	79
2	104	95	99	87	81	84	83	77	80	83	75	79
3	102	92	96	89	81	85	82	76	80	85	76	80
4	104	90	96	88	81	84	83	76	80	86	79	82
5	110	92	98	88	79	84	83	78	81	94	79	86
6	95	90	93	88	82	85	90	79	84	96	83	90
7	95	89	92	92	84	87	89	79	85	99	82	90
8	112	91	96	97	89	93	88	79	84	94	82	88
9	113	92	101	100	90	94	94	83	87	92	81	86
10	---	---	---	96	87	92	89	78	84	91	82	86
11	---	---	---	92	85	88	93	78	84	92	83	87
12	---	---	---	157	85	96	89	77	82	92	83	87
13	---	---	---	116	89	101	86	78	81	90	84	86
14	96	86	91	99	87	91	85	77	80	91	85	88
15	97	87	90	95	84	88	82	76	79	91	84	87
16	94	86	90	90	83	86	80	75	78	91	84	87
17	97	86	92	89	82	85	79	76	77	93	84	88
18	93	83	87	91	84	87	84	76	79	91	86	88
19	103	82	88	125	84	96	82	77	79	100	89	94
20	101	77	90	108	89	97	79	75	77	104	92	96
21	99	76	83	94	87	91	79	75	77	106	93	98
22	84	77	81	95	87	90	81	76	78	106	94	99
23	83	80	81	101	85	91	82	78	80	106	96	100
24	85	80	82	96	79	88	81	77	79	113	98	103
25	84	81	83	94	80	87	81	76	79	115	100	106
26	84	81	83	85	79	82	81	76	79	115	103	108
27	84	80	82	87	80	83	80	76	78	117	102	109
28	85	81	82	83	77	79	80	75	78	116	101	107
29	92	80	85	82	75	78	81	76	78	111	99	104
30	85	78	81	82	75	78	82	75	78	107	98	102
31	---	---	---	81	75	78	81	75	78	---	---	---
MONTH	---	---	---	157	75	87	94	75	80	117	75	92