

WACCAMAW RIVER BASIN

02110770 AIW AT GRAND STRAND AIRPORT AT NORTH MYRTLE BEACH, SC

WATER-QUALITY RECORDS

LOCATION.--Lat 33°49'19"', long 78°42'57"', Horry County, Hydrologic Unit 03040207, at east bank of Atlantic Intracoastal Waterway, 1000 ft northwest of north end of runway, 9.5 mi south of junction of Little River Inlet, and at AIW mile 351.5.

PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Water years 1987 to current year.

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

REMARKS.--Specific conductance records excellent except for Nov. 23 to Jan. 8, which are good. Prior to Oct. 1, 1990, values less than 100 microsiemens were not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 49,400 microsiemens, Sep. 22, 1989; minimum, 42 microsiemens, Aug. 30, 31, 1992.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 28,700 microsiemens, June 6; minimum, 86 microsiemens, Sep. 21-24.

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	294	120	150	170	134	148	250	118	147	119	106	112
2	172	118	130	152	122	137	181	124	140	125	106	114
3	214	114	131	150	122	132	215	124	154	129	106	115
4	154	114	126	140	118	128	336	127	175	133	106	114
5	158	110	124	140	122	130	292	127	156	135	108	117
6	336	114	137	141	122	130	195	125	144	146	112	123
7	576	122	185	151	129	138	297	127	154	243	116	138
8	634	130	191	187	131	146	677	126	187	692	118	179
9	174	132	146	172	129	140	644	126	190	798	116	199
10	166	138	152	142	121	131	965	118	212	638	116	165
11	198	156	169	128	111	119	175	120	129	290	112	135
12	230	154	173	128	106	115	280	124	148	142	110	119
13	218	142	161	128	104	111	420	132	165	164	112	124
14	256	134	161	157	108	119	391	139	163	318	120	156
15	156	118	133	184	112	127	155	136	141	326	120	154
16	302	118	143	147	106	118	155	134	142	536	122	175
17	190	118	132	127	105	114	174	134	147	766	120	190
18	174	116	132	220	109	128	168	128	146	1720	116	299
19	350	120	149	395	115	156	182	132	146	580	114	212
20	190	122	136	412	117	159	199	136	148	2940	120	473
21	264	126	153	1560	126	325	415	134	173	3770	126	616
22	968	130	227	1010	132	244	529	132	170	3070	128	470
23	1630	136	472	1240	122	248	554	126	182	1890	126	395
24	3190	140	619	1730	116	333	799	121	190	1140	134	295
25	2860	142	465	1670	112	330	366	119	141	7570	140	1250
26	984	134	244	2070	115	360	286	115	135	4270	142	630
27	2250	128	404	1480	115	266	286	113	135	156	134	144
28	3210	128	581	326	107	142	138	111	119	158	138	144
29	626	136	209	189	107	121	121	106	114	158	138	147
30	232	142	160	361	113	153	119	104	111	166	140	150
31	182	144	157	---	---	---	119	106	112	218	140	158
MONTH	3210	110	215	2070	104	172	965	104	152	7570	106	252

