

## WACCAMAW RIVER BASIN

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

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 Jan. to Mar. 19, which are poor. 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, 17,300 microsiemens, Oct. 6; minimum, 78 microsiemens, Apr. 24, 25.

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	2250	210	462	3020	170	684	190	130	141	360	140	166
2	1580	210	380	1650	170	471	650	130	202	200	140	145
3	2700	210	540	2150	170	461	850	140	247	380	140	167
4	7900	220	1470	3500	160	623	3630	140	668	250	140	152
5	11000	240	2790	7070	160	1400	2990	150	473	170	140	144
6	17300	260	4950	3250	160	532	1550	140	302	140	130	138
7	---	---	---	2200	150	496	1050	140	264	150	140	140
8	---	---	---	5510	160	821	500	140	189	150	140	144
9	---	---	---	1400	170	295	680	140	222	160	140	148
10	---	---	---	380	160	203	370	150	182	160	140	149
11	---	---	---	210	160	171	160	140	149	160	140	150
12	---	---	---	180	160	167	160	140	152	150	140	144
13	---	---	---	190	160	172	170	150	157	150	140	145
14	---	---	---	340	170	192	160	150	153	160	140	149
15	---	---	---	420	170	200	180	150	158	170	150	155
16	---	---	---	260	150	175	170	140	149	300	150	180
17	180	150	161	210	140	153	250	140	156	230	150	169
18	170	130	148	160	140	148	240	140	155	670	150	226
19	160	130	148	180	150	156	190	140	150	230	160	172
20	180	160	166	180	150	155	160	140	144	200	160	169
21	180	140	159	170	140	148	180	140	146	710	160	236
22	190	140	153	150	130	140	170	140	146	3020	170	565
23	210	140	155	160	130	138	230	140	151	1120	170	321
24	380	140	170	160	130	138	480	140	177	230	169	187
25	510	140	184	150	130	137	150	130	141	328	170	208
26	270	150	171	150	130	137	150	130	139	328	170	211
27	530	150	196	150	130	135	150	140	141	328	170	206
28	1210	150	252	150	130	136	150	140	143	1700	174	353
29	2470	150	405	140	130	134	150	130	141	1110	174	284
30	1660	160	397	140	130	134	200	130	143	1420	172	371
31	3770	160	663	---	---	---	200	140	148	1690	176	372
MONTH	---	---	---	7070	130	302	3630	130	194	3020	130	209

02110770 AIW AT GRAND STRAND AIRPORT AT NORTH MYRTLE BEACH, 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	2120	178	440	162	144	150	85	82	83	94	88	89
2	2030	176	411	156	142	148	---	---	---	96	86	90
3	1310	178	314	150	142	146	---	---	---	100	90	93
4	428	178	219	150	140	145	---	---	---	108	98	101
5	276	176	198	148	134	139	---	---	---	112	96	100
6	344	178	210	144	132	135	---	---	---	108	92	99
7	446	182	216	144	134	139	---	---	---	112	96	103
8	226	180	195	144	134	140	---	---	---	120	102	110
9	330	182	204	142	128	134	---	---	---	118	104	110
10	400	186	215	132	126	127	106	98	102	122	104	113
11	244	184	200	130	124	126	102	94	98	122	108	115
12	220	180	192	126	124	124	110	94	96	126	108	116
13	324	176	197	128	124	126	104	94	97	338	108	135
14	240	172	188	130	122	125	108	94	97	624	114	170
15	328	170	190	130	124	126	---	---	---	394	114	144
16	716	170	255	---	---	---	---	---	---	350	110	136
17	500	170	218	---	---	---	---	---	---	722	112	151
18	314	166	192	---	---	---	---	---	---	722	118	164
19	376	168	198	---	---	---	---	---	---	286	112	132
20	286	164	188	114	100	106	---	---	---	130	106	115
21	236	160	178	122	92	106	---	---	---	118	104	110
22	246	154	171	97	87	91	---	---	---	120	104	113
23	170	148	155	93	89	91	84	80	82	128	108	120
24	206	148	158	97	90	94	80	78	79	138	114	128
25	164	146	153	100	89	95	88	78	81	152	126	137
26	176	146	153	92	88	90	90	84	87	148	124	136
27	188	144	151	91	87	90	88	82	84	144	120	131
28	154	140	146	91	86	89	84	82	82	156	118	130
29	---	---	---	88	84	86	84	80	83	152	116	126
30	---	---	---	87	84	85	94	84	86	174	116	128
31	---	---	---	84	82	84	---	---	---	142	120	128
MONTH	2120	140	211	---	---	---	---	---	---	722	86	122

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	178	114	126	106	94	98	122	92	101	104	92	98
2	166	118	127	108	96	100	124	94	103	112	96	102
3	150	114	124	114	98	102	110	94	99	158	98	107
4	128	108	114	118	100	106	120	94	101	248	102	120
5	120	108	111	116	98	106	118	94	103	492	104	155
6	124	108	113	116	98	106	108	94	100	556	110	166
7	118	104	110	114	100	107	112	96	103	438	114	157
8	112	102	107	122	104	110	112	96	102	462	114	158
9	126	110	115	156	108	119	110	92	100	384	114	149
10	122	110	116	---	---	---	114	96	103	276	114	140
11	120	106	112	---	---	---	112	96	103	272	116	149
12	118	102	109	122	98	107	114	94	103	272	114	132
13	118	102	108	142	112	124	114	92	100	126	106	114
14	124	106	112	136	108	121	106	92	97	120	106	113
15	124	102	112	124	104	113	102	90	95	124	108	116
16	122	104	109	118	102	109	100	90	93	136	108	119
17	120	104	111	120	102	107	98	88	90	156	108	120
18	122	98	107	118	102	109	100	86	92	122	106	113
19	108	94	101	120	104	111	102	90	95	482	106	155
20	114	96	104	128	106	117	100	88	92	2170	120	310
21	112	96	102	126	110	116	90	86	87	3160	130	426
22	96	90	93	122	106	112	90	84	86	2590	134	413
23	96	90	92	118	106	110	94	84	88	766	130	218
24	100	90	94	126	106	112	96	86	90	2100	134	374
25	100	92	95	120	100	106	100	86	91	2550	140	480
26	102	92	95	112	98	102	104	88	92	1380	146	402
27	104	92	96	110	96	101	102	88	94	2040	144	443
28	104	92	96	112	96	102	98	86	91	1730	144	367
29	108	94	98	114	96	100	98	88	92	670	134	212
30	108	94	99	114	94	100	100	88	94	422	120	164
31	---	---	---	110	92	99	102	90	95	---	---	---
MONTH	178	90	107	---	---	---	124	84	96	3160	92	210