

## 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. 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, 20,500 microsiemens, Sep. 13; minimum, 98 microsiemens, Oct. 1, 10, 17.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	128	98	108	396	134	167	196	152	164	166	138	145
2	128	108	115	1100	138	240	246	150	165	160	136	144
3	122	104	109	484	142	189	184	148	158	168	134	144
4	120	102	109	6070	152	911	182	144	155	172	134	143
5	120	108	114	5720	144	665	178	144	152	172	134	142
6	126	108	114	640	144	243	186	144	156	418	134	168
7	116	104	109	388	144	190	198	146	158	874	136	231
8	116	106	109	714	142	242	202	146	161	2690	140	492
9	112	102	106	974	150	316	452	150	194	2390	142	500
10	108	98	102	1330	144	336	1590	154	338	3830	146	574
11	108	100	102	2130	144	387	1240	154	285	2540	142	482
12	108	100	103	5010	144	802	4420	156	751	2720	144	488
13	108	100	105	1920	144	394	4590	162	668	4780	148	748
14	114	100	106	5130	148	838	3360	160	584	1400	150	359
15	124	102	112	5760	154	848	2380	156	440	838	150	253
16	110	100	106	3540	156	590	1010	152	261	658	156	231
17	124	98	109	2670	156	460	344	146	187	348	152	179
18	130	106	117	2080	156	404	206	140	156	206	148	162
19	124	106	114	1240	164	333	174	138	146	298	136	162
20	142	108	121	702	160	270	160	136	143	200	130	145
21	582	114	171	560	158	253	520	138	178	238	128	145
22	836	124	209	1300	160	401	234	138	154	186	130	140
23	556	128	189	1870	164	385	344	136	159	134	124	128
24	540	128	206	2150	160	411	206	134	150	226	126	141
25	522	126	214	1010	152	252	1070	136	236	212	128	143
26	570	126	201	912	148	262	734	140	205	212	128	141
27	568	126	198	2960	152	522	166	136	145	146	128	133
28	644	132	206	306	148	173	288	144	160	142	126	131
29	676	136	204	446	146	185	190	144	153	136	124	129
30	436	140	182	510	156	199	176	140	150	140	124	128
31	224	132	152	---	---	---	174	138	148	134	124	128
MONTH	836	98	139	6070	134	396	4590	134	234	4780	124	238

WACCAMAW RIVER BASIN

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 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	136	126	130	154	140	144	172	136	157	304	128	156
2	182	126	136	162	142	148	188	136	151	504	132	196
3	626	126	168	188	144	153	158	136	148	848	142	267
4	188	126	139	348	144	168	158	136	144	754	150	267
5	470	130	166	186	140	149	158	130	145	1130	148	319
6	1450	136	268	298	138	161	148	128	137	368	140	177
7	654	134	188	270	138	156	146	124	134	1240	142	274
8	776	130	203	430	136	167	146	124	134	3440	154	499
9	636	128	190	498	134	193	146	126	133	1920	160	385
10	230	126	147	326	136	178	142	122	129	1680	168	310
11	284	126	151	194	134	143	136	116	121	1300	160	258
12	308	130	160	174	130	138	124	112	118	676	162	221
13	240	130	148	186	132	142	128	114	118	340	164	200
14	164	128	137	250	134	147	124	114	118	970	162	263
15	146	130	136	214	132	144	126	112	117	324	156	188
16	164	136	145	154	132	138	128	112	118	236	150	175
17	514	138	186	142	132	137	126	112	119	946	154	294
18	462	144	187	148	140	144	126	110	115	3440	174	783
19	242	142	162	152	136	145	122	110	115	2500	190	579
20	226	140	158	146	128	137	128	110	120	2490	192	496
21	258	140	158	142	126	132	234	116	133	9410	192	1660
22	214	138	160	150	128	135	152	116	128	6430	224	1310
23	704	142	260	150	130	136	140	116	129	4240	180	689
24	1270	150	304	152	134	141	178	116	128	10200	204	1670
25	324	150	186	208	140	152	176	116	128	13400	224	1920
26	358	148	186	190	142	153	414	118	139	13400	218	1910
27	1430	146	198	170	140	147	414	120	143	8880	196	1220
28	3400	144	521	154	138	144	268	124	141	4430	174	644
29	---	---	---	150	134	143	308	124	148	1080	172	317
30	---	---	---	174	138	153	422	124	160	1470	176	490
31	---	---	---	178	142	164	---	---	---	1710	174	504
MONTH	3400	126	188	498	126	149	422	110	132	13400	128	601

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	3180	180	797	1770	168	380	700	172	254	1020	152	255
2	1010	186	342	1150	164	296	1050	176	286	658	162	236
3	878	178	277	1240	160	290	398	166	213	460	166	219
4	400	172	207	318	142	180	320	164	189	1190	170	346
5	270	164	186	200	134	150	340	162	187	1340	178	375
6	236	168	180	190	130	144	274	160	180	1540	182	455
7	206	154	173	284	130	150	266	162	179	1390	186	419
8	200	140	162	264	134	155	228	156	167	1070	186	337
9	190	132	148	230	136	155	168	142	157	1660	188	408
10	172	132	144	230	144	160	166	146	154	2780	182	545
11	162	140	147	272	148	165	204	148	162	3940	176	678
12	166	140	149	190	150	161	224	152	167	9390	182	1970
13	158	136	145	182	146	158	---	---	---	20500	270	6250
14	152	136	142	194	150	165	---	---	---	10700	244	3070
15	---	---	---	232	144	163	---	---	---	1680	236	493
16	---	---	---	256	142	161	---	---	---	8150	308	1880
17	1190	140	264	474	146	185	---	---	---	7120	310	1810
18	1370	140	288	988	140	249	---	---	---	3650	320	1020
19	2430	136	457	1340	142	292	2910	156	524	1880	246	643
20	2000	132	368	2600	146	470	2070	154	393	3740	236	691
21	2050	128	353	7760	160	1050	1270	156	351	2910	222	570
22	2300	132	363	8460	186	1250	1270	154	328	4200	220	715
23	7510	142	735	8460	192	1310	796	150	248	2620	222	532
24	11000	192	1580	8540	214	1540	288	144	171	2060	214	426
25	12900	228	2060	4880	182	842	280	148	175	5050	204	813
26	8120	176	1190	1050	166	362	224	160	173	1120	204	365
27	1200	162	349	2110	164	477	186	160	173	3930	190	559
28	1630	158	422	1930	170	432	178	148	158	5500	194	917
29	1360	164	438	2860	168	512	380	152	178	1540	184	346
30	2010	166	402	1080	174	301	550	154	198	4780	184	743
31	---	---	---	3380	158	322	270	148	172	---	---	---
MONTH	---	---	---	8540	130	407	---	---	---	20500	152	936