

LITTLE RIVER BASIN

02110755 AIW AT BRIARCLIFFE ACRES AT NORTH MYRTLE BEACH, SC

LOCATION.--Lat 33°47'54'', long 78°45'12'', Horry County, Hydrologic Unit 03040207, on right bank of Atlantic Intracoastal Waterway, at Briarcliffe Marina, 12.3 mi upstream from the junction of Little River Inlet and at AIW mile 354.1.

PERIOD OF RECORD.--Water years 1984 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1983 to current year.

pH: April 1986 to September 1989 (discontinued).

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

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

INSTRUMENTATION.--Data collection platform.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 39,200 microsiemens, Sep. 22, 1989; minimum, 50 microsiemens, Sep. 15, 1996.

pH: Maximum 9.2 units, Aug. 13, 1987; minimum, 5.3 units, Sep. 26, 1986.

WATER TEMPERATURE: Maximum, 33.5°C, Jul. 31, 1988; minimum, 2.0°C, Jan. 16, 1988.

DISSOLVED OXYGEN: Maximum, 11.4 mg/L, Jan. 19, 1988; minimum, 2.2 mg/L, Sep. 30, 1989.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 9,670 microsiemens, June 30; minimum, 70 microsiemens, several days in Oct., Nov., Feb.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	90	80	81	90	70	80	140	110	124	160	140	146
2	80	80	80	110	70	86	150	110	129	160	140	146
3	80	80	80	100	80	87	150	120	130	160	140	147
4	90	70	80	100	80	86	140	110	128	160	140	146
5	120	70	82	100	80	89	140	110	127	150	140	145
6	100	70	79	110	80	90	150	120	131	220	140	149
7	100	70	79	110	80	91	150	120	135	160	140	150
8	120	70	77	110	80	96	180	120	149	170	140	151
9	100	70	80	110	80	95	180	130	149	150	140	146
10	100	70	78	110	80	93	180	130	150	160	130	144
11	110	70	80	110	80	96	180	120	146	160	130	143
12	120	80	92	110	90	99	160	130	145	170	140	150
13	120	80	91	130	80	100	160	130	142	170	150	158
14	150	70	94	110	80	93	150	120	143	160	140	152
15	100	70	85	130	80	95	160	130	144	160	130	146
16	90	80	84	130	90	99	160	130	149	160	120	137
17	210	80	123	130	90	98	170	140	157	140	120	131
18	150	90	109	140	90	100	170	150	162	170	120	142
19	110	80	89	240	90	118	250	140	176	150	130	140
20	110	80	92	150	90	110	170	150	158	150	130	140
21	100	80	91	150	100	117	190	140	157	150	130	138
22	120	80	94	190	100	136	170	140	153	170	140	149
23	110	80	88	260	110	159	190	130	158	160	140	148
24	90	70	82	420	120	218	170	140	151	170	140	150
25	100	70	82	320	120	189	180	140	153	160	130	151
26	100	70	83	270	120	167	160	130	146	140	120	129
27	100	70	82	160	110	138	160	130	144	140	120	124
28	110	70	82	170	110	136	160	140	146	120	110	115
29	100	70	82	150	110	132	160	130	145	120	110	111
30	110	70	81	140	110	126	150	140	145	120	100	110
31	90	70	79	---	---	---	160	140	145	190	100	120
MONTH	210	70	86	420	70	114	250	110	146	220	100	140

