

## LITTLE 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.--Data collection platform.

REMARKS.--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, 27,300 microsiemens, July 1, 2; minimum, 70 microsiemens, Oct. 4.

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     | 100     | 80  | 91   | 90       | 80  | 87   | 260      | 120 | 153  | 430     | 150 | 179  |
| 2     | 100     | 80  | 88   | 90       | 90  | 90   | 530      | 120 | 210  | 250     | 120 | 170  |
| 3     | 90      | 80  | 87   | 90       | 90  | 90   | 750      | 140 | 215  | 300     | 150 | 172  |
| 4     | 90      | 70  | 84   | 100      | 90  | 91   | 380      | 130 | 169  | 260     | 150 | 165  |
| 5     | 100     | 80  | 82   | 100      | 90  | 92   | 450      | 130 | 184  | 180     | 140 | 154  |
| 6     | 90      | 80  | 84   | 100      | 90  | 93   | 650      | 130 | 208  | 960     | 140 | 250  |
| 7     | 90      | 80  | 86   | 100      | 90  | 96   | 570      | 130 | 214  | 600     | 150 | 203  |
| 8     | 90      | 80  | 87   | 110      | 100 | 101  | 2080     | 150 | 374  | 730     | 140 | 215  |
| 9     | 90      | 80  | 87   | 110      | 100 | 101  | 1260     | 140 | 287  | 710     | 140 | 209  |
| 10    | 90      | 80  | 87   | 100      | 90  | 98   | 1400     | 150 | 285  | 460     | 140 | 177  |
| 11    | 90      | 90  | 90   | 110      | 90  | 100  | 1590     | 140 | 317  | 230     | 140 | 153  |
| 12    | 110     | 90  | 102  | 120      | 100 | 108  | 1150     | 150 | 290  | 320     | 150 | 174  |
| 13    | 110     | 100 | 103  | 120      | 100 | 111  | 580      | 150 | 210  | 300     | 160 | 184  |
| 14    | 100     | 90  | 96   | 110      | 100 | 104  | 280      | 140 | 176  | 320     | 140 | 173  |
| 15    | 100     | 90  | 98   | 120      | 100 | 107  | 910      | 140 | 250  | 510     | 150 | 207  |
| 16    | 100     | 90  | 98   | 130      | 100 | 112  | 900      | 150 | 325  | 260     | 130 | 159  |
| 17    | 150     | 100 | 118  | 130      | 100 | 115  | 1350     | 160 | 381  | 320     | 130 | 168  |
| 18    | 150     | 100 | 118  | 150      | 110 | 115  | 1510     | 170 | 438  | 2010    | 140 | 376  |
| 19    | 100     | 90  | 98   | 140      | 110 | 118  | 3950     | 160 | 691  | 1240    | 140 | 272  |
| 20    | 100     | 90  | 97   | 180      | 110 | 128  | 600      | 150 | 202  | 810     | 140 | 220  |
| 21    | ---     | --- | ---  | 450      | 120 | 183  | 530      | 150 | 200  | 710     | 140 | 207  |
| 22    | ---     | --- | ---  | 2080     | 120 | 407  | 1470     | 150 | 305  | 1880    | 150 | 371  |
| 23    | ---     | --- | ---  | 3750     | 130 | 708  | 2340     | 150 | 430  | 630     | 160 | 212  |
| 24    | ---     | --- | ---  | 6700     | 140 | 1080 | 1480     | 150 | 294  | 250     | 150 | 169  |
| 25    | ---     | --- | ---  | 4910     | 150 | 760  | 1740     | 150 | 341  | 160     | 150 | 156  |
| 26    | ---     | --- | ---  | 3530     | 140 | 572  | 490      | 140 | 193  | 150     | 130 | 142  |
| 27    | ---     | --- | ---  | 890      | 130 | 224  | 640      | 130 | 194  | 140     | 130 | 137  |
| 28    | ---     | --- | ---  | 1270     | 120 | 259  | 320      | 100 | 166  | 140     | 120 | 124  |
| 29    | 90      | 80  | 89   | 630      | 110 | 209  | 220      | 140 | 156  | 130     | 120 | 122  |
| 30    | 90      | 80  | 87   | 210      | 130 | 152  | 270      | 140 | 163  | 130     | 120 | 121  |
| 31    | 90      | 80  | 85   | ---      | --- | ---  | 220      | 130 | 160  | 120     | 120 | 120  |
| MONTH | 150     | 70  | 93   | 6700     | 80  | 220  | 3950     | 100 | 264  | 2010    | 120 | 189  |

