

WACCAMAW RIVER BASIN

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1986 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1986 to current year.

pH: August 1986 to September 1989 (discontinued).

WATER TEMPERATURE: August 1986 to current year.

DISSOLVED OXYGEN: August 1986 to current year.

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

REMARKS.--Specific conductance records rated excellent except for Mar. 30 to Apr. 19, July 5-14, Sep. 5-14, which are good. Temperature records rated excellent. Dissolved oxygen records rated excellent except for Dec. 21-27, Jan. 19-26, Apr. 19, June 30 to July 10, Aug. 6-14, which are good, Dec. 28 to Jan. 2, Jan. 19-26, July 11-21, Aug. 15-22, which are fair, and Jan. 3-6, July 22-27, which are poor. Prior to Oct. 1, 1991, specific conductance values less than 100 microsiemens were not recordable. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 29,900 microsiemens, Sep. 22, 1989; minimum, 40 microsiemens, Aug. 30, 1992, Jan. 23, 1993, Feb. 2, 3, 1993.

pH: Maximum, 8.0 units, May 26, 1988; minimum, 5.4 units, Sep. 29, 1987.

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 1, 1999; minimum, 1.0°C, Dec. 25, 26, 1989.

DISSOLVED OXYGEN: Maximum, 12.6 mg/L, Jan. 2, 3, 2005; minimum, 0.2 mg/L, Sep. 14, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 17,100 microsiemens, Sep. 13; minimum, 86 microsiemens, Oct. 10, 11.

WATER TEMPERATURE: Maximum, 31.8°C, July 28; minimum, 4.7°C, Jan. 29.

DISSOLVED OXYGEN: Maximum, 12.6 mg/L, Jan. 2, 3; minimum, 2.1 mg/L, Oct. 1.

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 |
|-------|---------|-----|------|----------|-----|------|----------|-----|------|---------|-----|------|
| | | | | | | | | | | | | |
| | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
| 1 | 104 | 99 | 101 | 133 | 126 | 130 | 117 | 111 | 114 | 121 | 115 | 117 |
| 2 | 104 | 102 | 103 | 133 | 130 | 132 | 117 | 110 | 112 | 121 | 115 | 116 |
| 3 | 103 | 97 | 100 | 135 | 128 | 130 | 119 | 109 | 111 | 118 | 114 | 116 |
| 4 | 97 | 93 | 95 | 1530 | 128 | 315 | 121 | 112 | 114 | 118 | 113 | 114 |
| 5 | 96 | 93 | 94 | 140 | 129 | 132 | 116 | 110 | 113 | 119 | 112 | 113 |
| 6 | 96 | 90 | 92 | 557 | 131 | 159 | 119 | 109 | 111 | 115 | 109 | 111 |
| 7 | 93 | 90 | 91 | 155 | 136 | 140 | 115 | 110 | 112 | 115 | 109 | 110 |
| 8 | 93 | 89 | 90 | 147 | 140 | 142 | 116 | 110 | 112 | 114 | 108 | 110 |
| 9 | 93 | 88 | 89 | 172 | 135 | 145 | 116 | 110 | 112 | 113 | 108 | 109 |
| 10 | 92 | 86 | 88 | 876 | 133 | 227 | 114 | 108 | 110 | 111 | 107 | 109 |
| 11 | 89 | 86 | 87 | 2320 | 134 | 353 | 114 | 108 | 110 | 117 | 108 | 110 |
| 12 | 90 | 87 | 88 | 2000 | 134 | 373 | 111 | 108 | 109 | 116 | 108 | 110 |
| 13 | 91 | 88 | 89 | 160 | 131 | 139 | 118 | 108 | 112 | 112 | 107 | 109 |
| 14 | 93 | 89 | 91 | 1570 | 130 | 258 | 129 | 116 | 121 | 113 | 105 | 108 |
| 15 | 95 | 92 | 93 | 2020 | 130 | 306 | 137 | 123 | 133 | 107 | 104 | 106 |
| 16 | 99 | 94 | 97 | 673 | 135 | 180 | 134 | 122 | 129 | 110 | 104 | 106 |
| 17 | 103 | 98 | 100 | 201 | 138 | 146 | 125 | 119 | 122 | 119 | 107 | 113 |
| 18 | 106 | 101 | 103 | 199 | 132 | 144 | 121 | 116 | 119 | 121 | 118 | 119 |
| 19 | 113 | 104 | 109 | 146 | 130 | 135 | 121 | 115 | 116 | 122 | 117 | 120 |
| 20 | 114 | 111 | 112 | 142 | 128 | 131 | 122 | 114 | 117 | 117 | 109 | 112 |
| 21 | 114 | 110 | 111 | 137 | 129 | 132 | 125 | 116 | 118 | 114 | 107 | 109 |
| 22 | 114 | 112 | 113 | 142 | 135 | 139 | 125 | 119 | 121 | 110 | 106 | 107 |
| 23 | 126 | 114 | 117 | 150 | 136 | 141 | 123 | 120 | 121 | 110 | 104 | 106 |
| 24 | 128 | 117 | 121 | 147 | 128 | 135 | 126 | 116 | 119 | 116 | 105 | 107 |
| 25 | 128 | 119 | 122 | 135 | 125 | 128 | 119 | 116 | 117 | 109 | 106 | 107 |
| 26 | 123 | 119 | 120 | 132 | 129 | 131 | 121 | 117 | 118 | 109 | 98 | 103 |
| 27 | 122 | 120 | 121 | 133 | 127 | 130 | 120 | 117 | 118 | 101 | 98 | 99 |
| 28 | 122 | 121 | 121 | 129 | 119 | 122 | 124 | 117 | 119 | 102 | 98 | 99 |
| 29 | 123 | 120 | 121 | 121 | 118 | 120 | 121 | 117 | 118 | 101 | 99 | 100 |
| 30 | 122 | 120 | 121 | 122 | 116 | 119 | 128 | 116 | 119 | 103 | 99 | 100 |
| 31 | 128 | 121 | 124 | --- | --- | --- | 124 | 116 | 118 | 102 | 99 | 100 |
| MONTH | 128 | 86 | 104 | 2320 | 116 | 170 | 137 | 108 | 117 | 122 | 98 | 109 |

02110815 WACCAMA RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, 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 | 104 | 99 | 101 | 110 | 105 | 107 | 115 | 101 | 107 | 104 | 97 | 100 |
| 2 | 106 | 101 | 103 | 109 | 103 | 105 | 125 | 104 | 111 | 110 | 101 | 103 |
| 3 | 106 | 103 | 104 | 111 | 103 | 105 | 115 | 99 | 106 | 110 | 104 | 106 |
| 4 | 104 | 100 | 102 | 110 | 103 | 105 | 113 | 97 | 104 | 107 | 106 | 107 |
| 5 | 105 | 100 | 102 | 112 | 104 | 106 | 109 | 96 | 101 | 108 | 107 | 107 |
| 6 | 105 | 100 | 102 | 115 | 106 | 108 | 104 | 95 | 98 | 107 | 105 | 107 |
| 7 | 104 | 100 | 101 | 116 | 104 | 107 | 106 | 91 | 96 | 107 | 103 | 105 |
| 8 | 104 | 100 | 101 | 107 | 101 | 103 | 110 | 93 | 99 | 107 | 103 | 104 |
| 9 | 105 | 101 | 102 | 104 | 100 | 101 | 109 | 92 | 97 | 107 | 103 | 105 |
| 10 | 104 | 99 | 101 | 105 | 99 | 101 | 102 | 91 | 95 | 111 | 104 | 108 |
| 11 | 107 | 100 | 101 | 107 | 99 | 103 | 102 | 92 | 96 | 113 | 111 | 112 |
| 12 | 104 | 100 | 102 | 110 | 104 | 106 | 111 | 95 | 101 | 116 | 112 | 113 |
| 13 | 113 | 102 | 107 | 110 | 105 | 106 | 101 | 93 | 96 | 115 | 113 | 113 |
| 14 | 118 | 111 | 115 | 109 | 105 | 106 | 110 | 93 | 98 | 114 | 112 | 113 |
| 15 | 120 | 113 | 117 | 108 | 105 | 106 | 97 | 93 | 95 | 121 | 112 | 116 |
| 16 | 116 | 107 | 112 | 109 | 105 | 107 | 104 | 92 | 96 | 125 | 118 | 122 |
| 17 | 110 | 104 | 107 | 112 | 107 | 108 | 104 | 94 | 97 | 123 | 119 | 122 |
| 18 | 112 | 104 | 105 | 115 | 107 | 109 | 114 | 96 | 103 | 1040 | 118 | 235 |
| 19 | 119 | 105 | 109 | 127 | 107 | 116 | 107 | 97 | 100 | 1850 | 119 | 418 |
| 20 | 124 | 115 | 118 | 122 | 111 | 117 | 99 | 96 | 97 | 360 | 117 | 175 |
| 21 | 125 | 112 | 115 | 115 | 107 | 110 | 102 | 95 | 96 | 3710 | 115 | 562 |
| 22 | 115 | 110 | 112 | 113 | 101 | 106 | 100 | 95 | 96 | 1850 | 121 | 394 |
| 23 | 115 | 111 | 113 | 123 | 101 | 105 | 101 | 95 | 97 | 749 | 122 | 155 |
| 24 | 115 | 109 | 112 | 113 | 97 | 101 | 100 | 96 | 97 | 1400 | 128 | 209 |
| 25 | 113 | 108 | 110 | 104 | 97 | 99 | 103 | 96 | 99 | 4780 | 132 | 364 |
| 26 | 117 | 110 | 115 | 110 | 98 | 102 | 107 | 96 | 100 | 6010 | 132 | 823 |
| 27 | 116 | 110 | 113 | 105 | 97 | 99 | 106 | 98 | 100 | 3200 | 130 | 469 |
| 28 | 253 | 109 | 118 | 103 | 96 | 99 | 103 | 97 | 99 | 622 | 128 | 173 |
| 29 | --- | --- | --- | 107 | 95 | 99 | 100 | 96 | 97 | 160 | 126 | 133 |
| 30 | --- | --- | --- | 120 | 96 | 106 | 98 | 96 | 97 | 248 | 126 | 139 |
| 31 | --- | --- | --- | 113 | 100 | 105 | --- | --- | --- | 445 | 126 | 168 |
| MONTH | 253 | 99 | 108 | 127 | 95 | 105 | 125 | 91 | 99 | 6010 | 97 | 203 |

specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius

| MAX | MIN | MEAN |
|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|
|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|

WACCAMAW RIVER BASIN

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

 Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|----------|------|------|----------|------|------|----------|------|------|---------|------|------|
| | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
| 1 | 24.2 | 23.5 | 23.8 | 20.1 | 19.4 | 19.7 | 14.9 | 14.0 | 14.5 | 7.4 | 6.5 | 6.8 |
| 2 | 24.6 | 23.8 | 24.2 | 20.5 | 19.7 | 20.0 | 14.0 | 13.0 | 13.6 | 7.8 | 6.7 | 7.1 |
| 3 | 24.5 | 23.9 | 24.1 | 20.9 | 20.0 | 20.4 | 13.5 | 12.6 | 13.1 | 8.1 | 7.1 | 7.5 |
| 4 | 24.4 | 23.6 | 24.0 | 21.3 | 20.6 | 20.9 | 13.1 | 12.3 | 12.7 | 9.1 | 7.7 | 8.2 |
| 5 | 24.1 | 23.3 | 23.7 | 21.0 | 20.1 | 20.7 | 12.6 | 11.9 | 12.3 | 10.0 | 8.6 | 9.2 |
| 6 | 23.6 | 22.8 | 23.1 | 20.6 | 18.6 | 20.2 | 12.3 | 12.1 | 12.2 | --- | --- | --- |
| 7 | 22.8 | 21.9 | 22.4 | 20.2 | 19.0 | 19.9 | 12.9 | 12.1 | 12.4 | --- | --- | --- |
| 8 | 21.9 | 21.4 | 21.7 | 20.0 | 19.3 | 19.7 | 13.3 | 12.5 | 12.9 | 12.5 | 11.1 | 11.7 |
| 9 | 21.6 | 21.2 | 21.4 | 19.4 | 18.1 | 18.9 | 13.9 | 13.0 | 13.3 | 13.1 | 12.2 | 12.6 |
| 10 | 21.8 | 21.1 | 21.5 | 18.3 | 17.3 | 17.9 | 15.0 | 13.8 | 14.2 | 13.7 | 12.6 | 13.1 |
| 11 | 21.9 | 21.3 | 21.5 | 17.8 | 16.9 | 17.2 | 14.3 | 13.4 | 14.0 | 13.8 | 12.8 | 13.3 |
| 12 | 21.6 | 21.1 | 21.3 | 17.6 | 16.8 | 17.2 | 13.9 | 13.3 | 13.6 | 13.8 | 13.2 | 13.4 |
| 13 | 21.8 | 21.0 | 21.3 | 17.2 | 15.9 | 16.7 | 13.9 | 13.2 | 13.5 | 14.4 | 13.5 | 13.9 |
| 14 | 21.7 | 21.0 | 21.3 | 15.9 | 14.8 | 15.4 | 13.4 | 12.5 | 13.0 | 14.7 | 14.0 | 14.4 |
| 15 | 21.1 | 20.0 | 20.7 | 15.1 | 13.1 | 14.5 | 12.6 | 11.0 | 11.7 | 14.2 | 12.9 | 13.3 |
| 16 | 20.3 | 19.3 | 19.8 | 14.6 | 13.2 | 14.1 | 11.4 | 9.7 | 10.6 | 13.1 | 11.8 | 12.4 |
| 17 | 20.2 | 19.0 | 19.6 | 14.4 | 13.3 | 13.9 | 10.5 | 9.5 | 10.2 | 12.3 | 10.9 | 11.6 |
| 18 | 20.2 | 19.1 | 19.7 | 14.1 | 12.7 | 13.7 | 10.2 | 9.5 | 9.9 | 11.2 | 8.8 | 10.1 |
| 19 | 20.8 | 19.9 | 20.2 | 14.2 | 13.6 | 13.9 | 9.7 | 8.9 | 9.4 | 9.3 | 7.7 | 8.7 |
| 20 | 21.1 | 20.4 | 20.7 | 14.3 | 13.7 | 14.0 | 8.9 | 6.7 | 7.9 | 8.1 | 7.4 | 7.8 |
| 21 | 20.9 | 20.4 | 20.7 | 14.3 | 13.8 | 14.0 | 7.7 | 7.0 | 7.4 | 8.2 | 7.5 | 7.8 |
| 22 | 20.8 | 20.1 | 20.4 | 14.5 | 13.9 | 14.2 | 7.7 | 7.1 | 7.4 | 8.0 | 7.5 | 7.6 |
| 23 | 20.2 | 19.5 | 19.9 | 15.1 | 14.3 | 14.6 | 9.0 | 7.3 | 7.9 | 7.7 | 5.8 | 6.8 |
| 24 | 19.7 | 19.0 | 19.5 | 15.8 | 14.7 | 15.2 | 8.5 | 7.5 | 7.9 | 6.2 | 5.3 | 6.0 |
| 25 | 19.4 | 19.0 | 19.2 | 16.6 | 15.4 | 16.0 | 7.5 | 7.0 | 7.3 | 6.4 | 5.5 | 5.9 |
| 26 | 19.2 | 18.7 | 19.0 | 15.9 | 15.2 | 15.6 | 7.1 | 6.3 | 6.7 | 6.9 | 5.5 | 6.0 |
| 27 | 19.2 | 18.5 | 18.9 | 15.5 | 14.7 | 15.2 | 6.7 | 6.0 | 6.4 | 7.0 | 6.0 | 6.4 |
| 28 | 19.0 | 18.7 | 18.9 | 15.6 | 14.9 | 15.4 | 6.5 | 5.6 | 6.2 | 6.0 | 5.1 | 5.6 |
| 29 | 18.9 | 18.6 | 18.7 | 15.3 | 14.5 | 14.9 | 7.1 | 5.7 | 6.4 | 5.2 | 4.7 | 5.0 |
| 30 | 19.5 | 18.6 | 18.9 | 14.9 | 14.2 | 14.6 | 7.1 | 6.2 | 6.6 | 5.9 | 5.0 | 5.3 |
| 31 | 20.1 | 19.0 | 19.4 | --- | --- | --- | 7.3 | 6.4 | 6.7 | 6.3 | 4.9 | 5.4 |
| MONTH | 24.6 | 18.5 | 21.0 | 21.3 | 12.7 | 16.6 | 15.0 | 5.6 | 10.4 | --- | --- | --- |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
| 1 | 6.1 | 5.3 | 5.6 | 10.7 | 9.7 | 10.2 | 17.6 | 17.0 | 17.3 | 19.3 | 18.7 | 19.0 |
| 2 | 6.0 | 5.1 | 5.6 | 10.4 | 8.5 | 9.5 | 17.5 | 16.3 | 17.1 | 19.8 | 18.6 | 19.4 |
| 3 | 5.9 | 5.7 | 5.8 | 10.0 | 8.8 | 9.5 | 16.6 | 15.5 | 16.3 | 19.9 | 18.8 | 19.6 |
| 4 | 6.3 | 5.6 | 6.0 | 9.6 | 8.8 | 9.4 | 16.6 | 15.8 | 16.2 | 20.3 | 19.6 | 20.0 |
| 5 | 6.7 | 5.8 | 6.3 | 9.9 | 9.0 | 9.4 | 16.8 | 16.0 | 16.3 | 20.0 | 19.0 | 19.5 |
| 6 | 7.3 | 6.3 | 6.8 | 9.9 | 9.1 | 9.5 | 17.5 | 16.2 | 16.8 | 19.0 | 18.0 | 18.6 |
| 7 | 8.0 | 6.9 | 7.3 | 10.6 | 9.3 | 9.8 | 18.1 | 17.3 | 17.6 | 19.2 | 17.9 | 18.5 |
| 8 | 8.9 | 7.4 | 8.0 | 11.1 | 10.2 | 10.6 | 18.9 | 17.7 | 18.2 | 19.6 | 18.3 | 18.9 |
| 9 | 9.3 | 8.3 | 8.7 | 10.7 | 10.2 | 10.5 | 18.6 | 18.0 | 18.3 | 19.9 | 18.9 | 19.4 |
| 10 | 10.3 | 8.9 | 9.4 | 11.4 | 10.0 | 10.7 | 18.7 | 17.4 | 18.0 | 20.4 | 19.5 | 19.9 |
| 11 | 9.8 | 8.4 | 9.1 | 11.3 | 10.3 | 10.7 | 18.5 | 17.4 | 17.9 | 21.1 | 20.0 | 20.5 |
| 12 | 10.2 | 8.1 | 9.2 | 11.5 | 9.8 | 10.7 | 18.2 | 17.7 | 17.9 | 21.9 | 20.7 | 21.3 |
| 13 | 10.0 | 8.8 | 9.4 | 12.6 | 10.8 | 11.4 | 18.0 | 17.6 | 17.8 | 21.9 | 21.4 | 21.7 |
| 14 | 10.0 | 9.3 | 9.5 | 12.4 | 11.8 | 12.0 | 17.6 | 16.5 | 16.9 | 22.4 | 21.5 | 22.0 |
| 15 | 10.2 | 9.6 | 9.8 | 12.6 | 11.2 | 12.0 | 16.5 | 15.2 | 16.0 | 23.4 | 22.0 | 22.7 |
| 16 | 11.2 | 9.9 | 10.4 | 12.2 | 11.3 | 11.9 | 15.6 | 14.5 | 15.2 | 23.5 | 22.6 | 23.2 |
| 17 | 11.3 | 10.8 | 11.0 | 11.5 | 10.5 | 11.0 | 15.4 | 14.3 | 15.1 | 23.5 | 23.1 | 23.3 |
| 18 | 11.5 | 10.3 | 11.1 | 10.8 | 10.1 | 10.5 | 16.0 | 14.8 | 15.4 | 23.6 | 22.8 | 23.3 |
| 19 | 11.8 | 10.7 | 11.4 | 10.6 | 10.1 | 10.4 | 16.2 | 15.2 | 15.8 | 23.9 | 23.2 | 23.5 |
| 20 | 11.7 | 11.1 | 11.4 | 11.2 | 10.1 | 10.7 | 17.1 | 16.1 | 16.6 | 24.0 | 23.4 | 23.7 |
| 21 | 11.3 | 10.8 | 11.0 | 11.6 | 10.9 | 11.2 | 17.9 | 16.7 | 17.3 | 23.5 | 22.6 | 23.2 |
| 22 | 12.0 | 10.8 | 11.2 | 12.3 | 11.3 | 11.8 | 18.6 | 17.5 | 18.0 | 23.4 | 22.5 | 22.9 |
| 23 | 12.1 | 11.3 | 11.6 | 13.4 | 12.0 | 12.7 | 19.3 | 18.1 | 18.6 | 23.8 | 22.2 | 23.1 |
| 24 | 11.9 | 11.4 | 11.7 | 14.5 | 13.2 | 13.8 | 18.6 | 17.6 | 18.2 | 23.8 | 22.8 | 23.3 |
| 25 | 11.9 | 11.2 | 11.6 | 15.2 | 13.9 | 14.5 | 18.7 | 17.4 | 17.9 | 23.4 | 22.5 | 22.8 |
| 26 | 12.2 | 10.7 | 11.4 | 15.9 | 14.8 | 15.4 | 17.8 | 17.3 | 17.6 | 23.6 | 21.1 | 22.7 |
| 27 | 11.6 | 10.9 | 11.2 | 15.9 | 15.5 | 15.7 | 19.0 | 17.4 | 18.0 | 23.3 | 22.0 | 22.8 |
| 28 | 11.3 | 10.4 | 10.8 | 17.3 | 15.8 | 16.4 | 18.3 | 17.3 | 17.9 | 23.6 | 22.4 | 23.0 |
| 29 | --- | --- | --- | 17.6 | 15.4 | 16.4 | 18.7 | 17.5 | 18.1 | 23.8 | 22.9 | 23.4 |
| 30 | --- | --- | --- | 17.3 | 16.0 | 16.6 | 19.0 | 18.2 | 18.6 | 23.6 | 22.8 | 23.3 |
| 31 | --- | --- | --- | 17.5 | 16.7 | 17.0 | --- | --- | --- | 23.2 | 22.8 | 23.0 |
| MONTH | 12.2 | 5.1 | 9.4 | 17.6 | 8.5 | 12.0 | 19.3 | 14.3 | 17.2 | 24.0 | 17.9 | 21.7 |

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 1 | 22.9 | 22.5 | 22.7 | 28.5 | 27.6 | 28.1 | 30.0 | 29.4 | 29.7 | 29.1 | 28.3 | 28.8 |
| 2 | 23.2 | 22.5 | 22.9 | 28.9 | 28.1 | 28.5 | 29.8 | 29.2 | 29.5 | 29.2 | 28.5 | 28.9 |
| 3 | 23.4 | 23.0 | 23.2 | 29.0 | 28.1 | 28.6 | 29.9 | 29.1 | 29.6 | 29.3 | 28.3 | 28.9 |
| 4 | 23.8 | 23.2 | 23.4 | 29.1 | 28.0 | 28.7 | 29.9 | 29.0 | 29.6 | 29.1 | 28.0 | 28.7 |
| 5 | 23.9 | 23.3 | 23.6 | 29.2 | 28.5 | 28.8 | 29.5 | 28.9 | 29.3 | 28.4 | 27.8 | 28.2 |
| 6 | 24.4 | 23.5 | 23.9 | 29.1 | 28.0 | 28.7 | 29.2 | 28.6 | 28.9 | 28.0 | 26.9 | 27.5 |
| 7 | 24.9 | 24.1 | 24.5 | 29.1 | 28.3 | 28.7 | 28.8 | 27.9 | 28.4 | 27.4 | 26.7 | 27.0 |
| 8 | 25.1 | 24.4 | 24.7 | 29.4 | 28.2 | 28.9 | 28.5 | 27.9 | 28.2 | 27.3 | 26.2 | 26.7 |
| 9 | 25.4 | 24.7 | 25.0 | 29.0 | 28.0 | 28.7 | 28.0 | 27.5 | 27.7 | 27.0 | 26.2 | 26.6 |
| 10 | 25.8 | 25.1 | 25.4 | 29.0 | 28.2 | 28.6 | 27.6 | 26.8 | 27.3 | 26.6 | 25.8 | 26.3 |
| 11 | 26.1 | 25.1 | 25.7 | 29.0 | 28.5 | 28.8 | 27.8 | 26.9 | 27.3 | 26.1 | 25.1 | 25.6 |
| 12 | 26.5 | 25.7 | 26.0 | 29.3 | 28.5 | 28.9 | 28.1 | 27.1 | 27.6 | 25.5 | 24.7 | 25.3 |
| 13 | 26.9 | 26.0 | 26.5 | 29.7 | 28.4 | 29.0 | 28.2 | 27.5 | 27.9 | 25.3 | 24.6 | 25.0 |
| 14 | 27.5 | 26.4 | 26.9 | 28.9 | 28.4 | 28.6 | 28.4 | 27.8 | 28.2 | 24.8 | 24.3 | 24.6 |
| 15 | 28.4 | 26.7 | 27.4 | --- | --- | --- | 29.6 | 28.1 | 28.8 | 25.4 | 24.3 | 24.8 |
| 16 | 28.7 | 27.4 | 28.0 | 29.2 | 28.1 | 28.6 | 29.6 | 28.8 | 29.3 | 26.0 | 25.0 | 25.4 |
| 17 | 28.6 | 27.8 | 28.2 | 29.6 | 28.4 | 29.0 | 30.1 | 29.1 | 29.6 | 26.6 | 25.5 | 25.9 |
| 18 | 28.3 | 27.7 | 28.1 | 29.6 | 29.0 | 29.3 | 29.6 | 29.0 | 29.4 | 27.2 | 26.1 | 26.5 |
| 19 | 27.8 | 26.7 | 27.6 | 29.7 | 28.7 | 29.3 | 29.9 | 29.0 | 29.4 | 27.5 | 26.5 | 26.9 |
| 20 | 27.4 | 26.7 | 27.1 | 30.2 | 29.1 | 29.7 | 30.1 | 28.7 | 29.6 | 27.7 | 26.4 | 27.1 |
| 21 | 27.2 | 26.2 | 26.9 | 30.5 | 29.6 | 30.0 | 30.6 | 29.4 | 29.9 | 28.0 | 26.3 | 27.3 |
| 22 | 27.3 | 26.2 | 26.8 | 30.4 | 29.1 | 29.9 | 30.7 | 29.7 | 30.1 | 28.0 | 27.0 | 27.5 |
| 23 | 27.6 | 26.4 | 27.1 | 30.7 | 29.6 | 30.1 | 30.3 | 29.0 | 29.9 | 28.2 | 27.0 | 27.6 |
| 24 | 27.8 | 26.8 | 27.3 | 30.7 | 29.4 | 30.2 | 30.0 | 29.2 | 29.6 | 28.2 | 27.3 | 27.8 |
| 25 | 27.5 | 26.9 | 27.1 | 31.1 | 29.4 | 30.3 | 29.3 | 28.4 | 28.8 | 28.0 | 27.6 | 27.8 |
| 26 | 27.6 | 26.7 | 27.1 | 31.3 | 29.5 | 30.6 | 28.5 | 27.4 | 27.9 | 28.2 | 27.5 | 27.8 |
| 27 | 27.8 | 27.0 | 27.5 | 31.5 | 30.4 | 31.0 | 27.7 | 27.1 | 27.5 | 27.9 | 27.4 | 27.7 |
| 28 | 27.6 | 27.3 | 27.5 | 31.8 | 30.5 | 31.3 | 28.0 | 27.1 | 27.6 | 27.9 | 27.2 | 27.6 |
| 29 | 27.8 | 27.2 | 27.5 | 31.5 | 30.9 | 31.3 | 28.4 | 27.6 | 27.9 | 28.0 | 27.1 | 27.5 |
| 30 | 28.0 | 27.3 | 27.7 | 31.2 | 30.6 | 31.0 | 28.5 | 28.0 | 28.2 | 27.6 | 26.6 | 27.3 |
| 31 | --- | --- | --- | 30.8 | 29.5 | 30.3 | 29.0 | 27.9 | 28.5 | --- | --- | --- |
| MONTH | 28.7 | 22.5 | 26.1 | --- | --- | --- | 30.7 | 26.8 | 28.7 | 29.3 | 24.3 | 27.0 |

WACCAMAW RIVER BASIN

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|----------|------|------|----------|------|------|----------|------|------|---------|------|------|
| | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
| 1 | 2.4 | 2.1 | 2.3 | 5.5 | 5.3 | 5.5 | 8.2 | 7.7 | 7.9 | 12.5 | 12.0 | 12.3 |
| 2 | 2.6 | 2.4 | 2.5 | 5.6 | 5.4 | 5.6 | 8.2 | 8.0 | 8.1 | 12.6 | 12.2 | 12.5 |
| 3 | 3.3 | 2.5 | 2.7 | 5.8 | 5.1 | 5.6 | 8.3 | 8.1 | 8.2 | 12.6 | 12.2 | 12.4 |
| 4 | 3.1 | 2.7 | 2.9 | 5.8 | 5.4 | 5.6 | 8.4 | 8.2 | 8.3 | 12.3 | 11.7 | 12.1 |
| 5 | 2.8 | 2.5 | 2.6 | 6.1 | 5.5 | 5.9 | 8.5 | 8.3 | 8.4 | 12.1 | 11.3 | 11.9 |
| 6 | 3.4 | 2.5 | 3.0 | 5.9 | 5.3 | 5.7 | 8.5 | 8.1 | 8.4 | 11.9 | 11.3 | 11.7 |
| 7 | 3.4 | 3.2 | 3.3 | 5.6 | 5.4 | 5.5 | 8.6 | 8.3 | 8.5 | 11.7 | 10.9 | 11.3 |
| 8 | 4.0 | 3.4 | 3.7 | 6.0 | 5.6 | 5.8 | 8.8 | 8.4 | 8.7 | 11.2 | 10.3 | 10.9 |
| 9 | 4.0 | 3.8 | 3.9 | 6.6 | 6.0 | 6.3 | 8.7 | 8.4 | 8.5 | 10.7 | 10.2 | 10.4 |
| 10 | 4.0 | 3.8 | 4.0 | 6.8 | 6.4 | 6.6 | 8.7 | 8.3 | 8.5 | 10.3 | 9.9 | 10.1 |
| 11 | 4.2 | 4.0 | 4.1 | 6.8 | 6.6 | 6.7 | 8.6 | 8.1 | 8.3 | 10.0 | 9.3 | 9.8 |
| 12 | 4.2 | 4.0 | 4.1 | 6.8 | 6.4 | 6.7 | 8.4 | 7.7 | 8.0 | 9.7 | 9.3 | 9.5 |
| 13 | 4.1 | 4.0 | 4.1 | 7.6 | 6.4 | 7.0 | 8.4 | 7.6 | 7.9 | 9.6 | 8.9 | 9.3 |
| 14 | 4.3 | 4.0 | 4.1 | 7.9 | 7.3 | 7.6 | 8.1 | 7.4 | 7.7 | 9.5 | 8.9 | 9.2 |
| 15 | 4.8 | 3.9 | 4.3 | 7.9 | 7.4 | 7.7 | 8.8 | 7.8 | 8.4 | 9.9 | 9.2 | 9.5 |
| 16 | 4.8 | 4.1 | 4.4 | 7.7 | 7.4 | 7.6 | 9.2 | 8.6 | 8.9 | 9.8 | 9.1 | 9.5 |
| 17 | 4.5 | 4.1 | 4.3 | 7.7 | 7.5 | 7.6 | 9.3 | 9.1 | 9.2 | 9.6 | 9.1 | 9.4 |
| 18 | 4.2 | 4.1 | 4.2 | 8.1 | 7.4 | 7.8 | 9.4 | 9.2 | 9.3 | 10.2 | 9.4 | 9.8 |
| 19 | 4.6 | 4.1 | 4.4 | 8.1 | 7.8 | 7.9 | 9.8 | 9.3 | 9.5 | 10.4 | 10.2 | 10.3 |
| 20 | 4.6 | 4.3 | 4.5 | 8.0 | 7.6 | 7.8 | 10.4 | 9.6 | 10.0 | 10.6 | 10.3 | 10.5 |
| 21 | 4.7 | 4.4 | 4.5 | 7.8 | 7.6 | 7.7 | 10.1 | 9.9 | 10.1 | 10.3 | 10.1 | 10.2 |
| 22 | 5.0 | 4.5 | 4.7 | 7.9 | 7.6 | 7.8 | 10.2 | 10.0 | 10.1 | 10.5 | 10.1 | 10.3 |
| 23 | 5.1 | 4.6 | 4.9 | 7.9 | 7.6 | 7.8 | 10.5 | 10.1 | 10.3 | 11.3 | 10.4 | 11.0 |
| 24 | 4.9 | 4.5 | 4.7 | 7.9 | 7.5 | 7.8 | 10.8 | 10.0 | 10.5 | 11.2 | 10.9 | 11.0 |
| 25 | 4.7 | 4.5 | 4.6 | 8.2 | 7.5 | 7.9 | 11.2 | 10.7 | 10.9 | 11.1 | 10.9 | 11.0 |
| 26 | 5.0 | 4.6 | 4.8 | 8.1 | 7.7 | 7.8 | 11.5 | 11.1 | 11.3 | 11.2 | 10.8 | 11.0 |
| 27 | 5.1 | 4.8 | 4.9 | 8.0 | 7.6 | 7.8 | 11.6 | 11.2 | 11.4 | 11.5 | 11.0 | 11.3 |
| 28 | 5.2 | 4.8 | 5.0 | 7.9 | 7.6 | 7.7 | 11.8 | 11.4 | 11.6 | 11.9 | 11.4 | 11.6 |
| 29 | 5.2 | 5.0 | 5.1 | 7.8 | 7.4 | 7.6 | 11.9 | 11.6 | 11.8 | 11.9 | 11.6 | 11.7 |
| 30 | 5.1 | 4.8 | 5.0 | 7.9 | 7.6 | 7.7 | 12.1 | 11.6 | 12.0 | 11.8 | 11.5 | 11.6 |
| 31 | 5.4 | 4.9 | 5.2 | --- | --- | --- | 12.3 | 11.8 | 12.2 | 11.7 | 11.5 | 11.6 |
| MONTH | 5.4 | 2.1 | 4.1 | 8.2 | 5.1 | 7.0 | 12.3 | 7.4 | 9.4 | 12.6 | 8.9 | 10.8 |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
| 1 | 11.6 | 11.4 | 11.5 | 10.3 | 9.7 | 10.0 | 6.9 | 6.3 | 6.7 | 6.7 | 6.1 | 6.4 |
| 2 | 11.6 | 11.5 | 11.5 | 10.4 | 10.0 | 10.2 | 8.0 | 6.4 | 7.2 | 6.3 | 5.6 | 6.1 |
| 3 | 11.6 | 11.4 | 11.5 | 10.1 | 9.9 | 10.0 | 7.9 | 7.3 | 7.6 | 6.3 | 5.6 | 6.2 |
| 4 | 11.7 | 11.4 | 11.6 | 10.1 | 9.9 | 10.0 | 7.3 | 6.9 | 7.2 | 6.2 | 5.9 | 6.1 |
| 5 | 11.6 | 11.3 | 11.6 | 10.5 | 10.1 | 10.3 | 7.2 | 6.9 | 7.1 | 7.3 | 6.0 | 6.6 |
| 6 | 11.6 | 11.2 | 11.5 | 10.5 | 10.0 | 10.4 | 7.2 | 6.6 | 7.1 | 7.6 | 7.1 | 7.3 |
| 7 | 11.5 | 11.2 | 11.4 | 10.4 | 10.0 | 10.3 | 7.0 | 6.6 | 6.9 | 7.1 | 6.8 | 7.0 |
| 8 | 11.5 | 11.0 | 11.4 | 10.3 | 10.0 | 10.2 | 6.6 | 6.1 | 6.5 | 7.0 | 6.6 | 6.8 |
| 9 | 11.3 | 10.9 | 11.1 | 10.4 | 9.8 | 10.0 | 6.4 | 5.8 | 6.1 | 6.8 | 6.4 | 6.6 |
| 10 | 11.2 | 10.6 | 10.9 | 9.9 | 9.6 | 9.7 | 6.4 | 5.6 | 6.0 | 6.6 | 6.0 | 6.3 |
| 11 | 11.1 | 10.4 | 10.8 | 10.0 | 9.4 | 9.7 | 6.3 | 5.6 | 6.0 | 6.3 | 5.9 | 6.2 |
| 12 | 10.8 | 10.4 | 10.5 | 10.1 | 9.5 | 9.8 | 6.3 | 5.8 | 6.1 | 6.3 | 5.8 | 6.1 |
| 13 | 10.5 | 10.1 | 10.3 | 9.8 | 9.3 | 9.6 | 6.2 | 5.8 | 6.0 | 6.2 | 5.9 | 6.1 |
| 14 | 10.3 | 9.9 | 10.2 | 9.7 | 9.2 | 9.5 | 6.5 | 6.0 | 6.2 | 6.3 | 5.7 | 5.9 |
| 15 | 10.2 | 9.8 | 10.1 | 9.6 | 9.2 | 9.5 | 7.5 | 6.1 | 6.6 | 6.0 | 5.5 | 5.8 |
| 16 | 10.1 | 9.8 | 10.0 | 9.6 | 9.1 | 9.4 | 7.5 | 6.9 | 7.3 | 6.0 | 5.4 | 5.8 |
| 17 | 10.1 | 9.6 | 9.9 | 9.5 | 9.3 | 9.4 | 7.3 | 6.9 | 7.1 | 6.0 | 5.7 | 5.8 |
| 18 | 10.0 | 9.5 | 9.8 | 9.5 | 9.2 | 9.4 | 7.3 | 7.0 | 7.1 | 6.0 | 5.7 | 5.8 |
| 19 | 9.9 | 9.2 | 9.5 | 9.2 | 9.0 | 9.1 | 7.4 | 7.1 | 7.3 | 6.0 | 5.6 | 5.8 |
| 20 | 9.8 | 9.2 | 9.4 | 9.4 | 9.0 | 9.3 | 7.4 | 7.1 | 7.3 | 6.2 | 5.6 | 5.9 |
| 21 | 10.0 | 9.4 | 9.8 | 9.6 | 9.3 | 9.5 | 7.3 | 7.0 | 7.2 | 6.3 | 5.6 | 6.0 |
| 22 | 10.2 | 9.8 | 10.0 | 9.8 | 9.3 | 9.7 | 7.1 | 6.7 | 7.0 | 6.2 | 5.5 | 5.9 |
| 23 | 10.0 | 9.7 | 10.0 | 9.7 | 9.2 | 9.5 | 7.3 | 6.6 | 6.9 | 6.1 | 5.3 | 5.8 |
| 24 | 9.9 | 9.6 | 9.7 | 9.2 | 8.7 | 9.1 | 7.1 | 6.6 | 6.8 | 6.1 | 5.5 | 5.7 |
| 25 | 9.9 | 9.4 | 9.6 | 8.7 | 8.2 | 8.5 | 6.8 | 6.3 | 6.5 | 6.1 | 5.5 | 5.7 |
| 26 | 9.9 | 9.4 | 9.6 | 8.3 | 7.4 | 8.0 | 6.4 | 6.2 | 6.3 | 5.8 | 5.2 | 5.5 |
| 27 | 10.0 | 9.4 | 9.7 | 8.0 | 7.3 | 7.8 | 7.0 | 6.1 | 6.4 | 5.8 | 5.2 | 5.6 |
| 28 | 10.2 | 9.7 | 9.9 | 8.0 | 7.2 | 7.7 | 6.5 | 6.0 | 6.2 | 6.0 | 5.5 | 5.8 |
| 29 | --- | --- | --- | 8.0 | 7.3 | 7.5 | 6.2 | 5.9 | 6.0 | 5.9 | 5.5 | 5.8 |
| 30 | --- | --- | --- | 7.3 | 6.7 | 7.0 | 6.6 | 6.1 | 6.3 | 6.1 | 5.6 | 5.8 |
| 31 | --- | --- | --- | 7.0 | 6.5 | 6.8 | --- | --- | --- | 6.0 | 5.6 | 5.8 |
| MONTH | 11.7 | 9.2 | 10.5 | 10.5 | 6.5 | 9.3 | 8.0 | 5.6 | 6.7 | 7.6 | 5.2 | 6.1 |

02110815 WACCAMA RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005