

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948, 1963-64, 1969 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1973 to current year.

pH: October 1973 to current year.

WATER TEMPERATURE: October 1973 to current year.

DISSOLVED OXYGEN: October 1973 to current year.

INSTRUMENTATION.--USGS mini-monitor and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Aug. 1-13, which are fair, and July 2-7, which are poor. pH records rated excellent except for Jan. 27 to Feb. 2, July 2-7, which are good. Temperature records rated excellent except for Jan. 23 to Feb. 2, Sep. 25-30, which are good, and July 17-20, which are poor. Dissolved oxygen records rated good except Oct. 1 to Nov. 9, Feb. 14 to Apr. 8, Apr. 10 to May 2, May 22-27, June 4 to July 1, July 8-28, which are excellent, Aug. 6-12, Aug. 31 to Sep. 2, which are fair, and Aug. 13, which is poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 471 microsiemens, Aug. 27, 1987; minimum, 16 microsiemens, Mar. 18, 1990.

pH: Maximum, 9.2 units, Jun. 25, 1986; minimum, 5.1 units, Aug. 6, 7, 1992, Apr. 27, 2002.

WATER TEMPERATURE: Maximum, 35.5°C, Jul. 13, 1992; minimum, less than 0.5°C, Dec. 24-26, 1989, Jan. 20, 1994, Jan. 3, 4, 2001.

DISSOLVED OXYGEN: Maximum, 15.4 mg/L, Jan. 3, 2001, Jan. 11, 1993; minimum, 3.0 mg/L, Jul. 6, 1994.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 264 microsiemens, Oct. 2; minimum, 39 microsiemens, Sep. 10.

pH: Maximum, 8.6 units, July 25; minimum, 6.0 units, Feb. 8.

WATER TEMPERATURE: Maximum, 31.3°C, July 10; minimum, 3.3°C, Jan. 28.

DISSOLVED OXYGEN: Maximum measured, 13.0 mg/L, Jan. 21, 23, Feb. 2; minimum measured, 5.5 mg/L, May 30, July 23, 25.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
|-------|---------|-----|------|----------|-----|------|----------|-----|------|---------|-----|------|
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 140 | 86 | 96 | 90 | 82 | 87 | 81 | 74 | 77 | 77 | 74 | 75 |
| 2 | 264 | 84 | 108 | 100 | 90 | 94 | 75 | 70 | 72 | 79 | 75 | 78 |
| 3 | 173 | 88 | 112 | 105 | 99 | 102 | 80 | 75 | 78 | 84 | 78 | 80 |
| 4 | 127 | 88 | 94 | 103 | 97 | 99 | 82 | 77 | 79 | 86 | 80 | 83 |
| 5 | 96 | 88 | 93 | 99 | 86 | 91 | 87 | 82 | 85 | 84 | 81 | 83 |
| 6 | 98 | 89 | 92 | 98 | 86 | 93 | 94 | 83 | 88 | 83 | 80 | 82 |
| 7 | 92 | 87 | 90 | 103 | 97 | 101 | 95 | 87 | 91 | 84 | 77 | 80 |
| 8 | 87 | 79 | 83 | 102 | 98 | 100 | 88 | 85 | 87 | 85 | 83 | 84 |
| 9 | 97 | 81 | 91 | 99 | 88 | 94 | 89 | 85 | 87 | 85 | 79 | 82 |
| 10 | 97 | 93 | 95 | 89 | 82 | 85 | 85 | 78 | 81 | 87 | 81 | 83 |
| 11 | 97 | 92 | 94 | 84 | 80 | 82 | 86 | 81 | 83 | 87 | 85 | 86 |
| 12 | 96 | 85 | 92 | 90 | 81 | 86 | 83 | 75 | 79 | 86 | 83 | 85 |
| 13 | 90 | 87 | 89 | 92 | 89 | 91 | 78 | 70 | 75 | 86 | 84 | 85 |
| 14 | 91 | 87 | 89 | 98 | 90 | 95 | 71 | 68 | 69 | 87 | 81 | 84 |
| 15 | 90 | 85 | 87 | 98 | 92 | 95 | 74 | 70 | 72 | 88 | 79 | 83 |
| 16 | 87 | 84 | 86 | 104 | 92 | 96 | 72 | 68 | 69 | 87 | 85 | 86 |
| 17 | 90 | 87 | 89 | 100 | 96 | 99 | 70 | 66 | 67 | 91 | 87 | 89 |
| 18 | 92 | 87 | 90 | 100 | 92 | 95 | 72 | 67 | 69 | 97 | 91 | 93 |
| 19 | 97 | 88 | 94 | 97 | 89 | 93 | 73 | 68 | 70 | 97 | 93 | 96 |
| 20 | 99 | 93 | 97 | 98 | 70 | 91 | 77 | 72 | 74 | 95 | 87 | 90 |
| 21 | 95 | 90 | 93 | 70 | 58 | 61 | 79 | 73 | 75 | 87 | 81 | 83 |
| 22 | 90 | 85 | 86 | 64 | 58 | 61 | 85 | 75 | 80 | 89 | 81 | 85 |
| 23 | 98 | 87 | 95 | 68 | 63 | 67 | 79 | 74 | 76 | 91 | 89 | 90 |
| 24 | 101 | 96 | 99 | 75 | 68 | 70 | 77 | 73 | 75 | 90 | 87 | 89 |
| 25 | 102 | 95 | 98 | 79 | 67 | 73 | 74 | 72 | 74 | 91 | 87 | 89 |
| 26 | 101 | 95 | 97 | 81 | 76 | 79 | 74 | 70 | 72 | 94 | 88 | 91 |
| 27 | 103 | 97 | 100 | 86 | 80 | 83 | 70 | 64 | 66 | 92 | 86 | 90 |
| 28 | 101 | 93 | 99 | 85 | 80 | 82 | 68 | 63 | 65 | 86 | 83 | 84 |
| 29 | 94 | 89 | 92 | 84 | 83 | 84 | 68 | 64 | 66 | 92 | 84 | 89 |
| 30 | 94 | 87 | 89 | 83 | 79 | 80 | 68 | 62 | 64 | 86 | 80 | 84 |
| 31 | 87 | 81 | 84 | --- | --- | --- | 76 | 68 | 73 | 87 | 81 | 83 |
| MONTH | 264 | 79 | 93 | 105 | 58 | 87 | 95 | 62 | 75 | 97 | 74 | 85 |

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|----------|-----|------|-------|-----|------|-------|-----|------|-----|-----|------|
| | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
| 1 | 93 | 86 | 88 | 82 | 73 | 79 | 97 | 91 | 94 | 89 | 84 | 87 |
| 2 | 93 | 84 | 89 | 77 | 73 | 74 | 97 | 91 | 94 | 94 | 85 | 89 |
| 3 | 89 | 76 | 83 | 78 | 75 | 76 | 94 | 88 | 91 | 94 | 84 | 89 |
| 4 | 86 | 74 | 81 | 81 | 77 | 79 | 89 | 87 | 88 | 86 | 82 | 84 |
| 5 | 87 | 83 | 85 | 84 | 80 | 82 | 89 | 85 | 87 | 87 | 81 | 84 |
| 6 | 88 | 68 | 80 | 84 | 82 | 83 | 92 | 85 | 89 | 86 | 80 | 82 |
| 7 | 76 | 59 | 70 | 88 | 83 | 84 | 91 | 86 | 88 | 86 | 81 | 84 |
| 8 | 59 | 50 | 53 | 85 | 82 | 83 | 92 | 87 | 90 | 90 | 85 | 87 |
| 9 | 58 | 54 | 56 | 88 | 83 | 86 | 91 | 88 | 90 | 92 | 88 | 90 |
| 10 | 63 | 58 | 61 | 87 | 79 | 82 | 89 | 86 | 88 | 94 | 89 | 92 |
| 11 | 67 | 63 | 65 | 88 | 83 | 86 | 92 | 87 | 90 | 94 | 89 | 91 |
| 12 | 69 | 65 | 67 | 87 | 83 | 85 | 94 | 90 | 92 | 92 | 81 | 87 |
| 13 | 74 | 67 | 70 | 90 | 84 | 88 | 93 | 85 | 89 | 92 | 81 | 87 |
| 14 | 74 | 71 | 72 | 90 | 85 | 88 | 85 | 76 | 80 | 94 | 89 | 92 |
| 15 | 73 | 71 | 72 | 92 | 84 | 88 | 79 | 65 | 69 | 92 | 88 | 90 |
| 16 | 73 | 69 | 71 | 89 | 84 | 86 | 67 | 63 | 65 | 94 | 89 | 92 |
| 17 | 75 | 70 | 72 | 87 | 80 | 83 | 72 | 65 | 68 | 94 | 90 | 92 |
| 18 | 76 | 72 | 74 | 91 | 85 | 87 | 77 | 71 | 74 | 95 | 87 | 91 |
| 19 | 76 | 73 | 74 | 91 | 85 | 88 | 84 | 74 | 80 | 91 | 86 | 89 |
| 20 | 80 | 74 | 77 | 91 | 84 | 88 | 86 | 80 | 82 | 96 | 85 | 90 |
| 21 | 79 | 75 | 78 | 90 | 84 | 88 | 86 | 81 | 83 | 100 | 95 | 98 |
| 22 | 82 | 78 | 80 | 94 | 87 | 89 | 94 | 83 | 89 | 97 | 91 | 93 |
| 23 | 81 | 76 | 79 | 96 | 89 | 92 | 94 | 86 | 88 | 97 | 88 | 90 |
| 24 | 78 | 72 | 74 | 97 | 91 | 93 | 91 | 86 | 87 | 93 | 87 | 90 |
| 25 | 81 | 78 | 80 | 95 | 91 | 92 | 96 | 88 | 91 | 93 | 87 | 91 |
| 26 | 84 | 79 | 81 | 95 | 92 | 94 | 99 | 90 | 94 | 97 | 90 | 93 |
| 27 | 80 | 77 | 79 | 97 | 93 | 95 | 96 | 90 | 93 | 98 | 92 | 95 |
| 28 | 82 | 76 | 80 | 101 | 95 | 97 | 94 | 90 | 93 | 99 | 94 | 97 |
| 29 | 81 | 78 | 80 | 100 | 94 | 97 | 96 | 90 | 93 | 100 | 96 | 98 |
| 30 | --- | --- | --- | 98 | 91 | 95 | 95 | 88 | 92 | 99 | 94 | 97 |
| 31 | --- | --- | --- | 106 | 90 | 94 | --- | --- | --- | 99 | 93 | 96 |
| MONTH | 93 | 50 | 75 | 106 | 73 | 87 | 99 | 63 | 86 | 100 | 80 | 91 |

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|------|-----|------|------|-----|------|--------|-----|------|-----------|-----|------|
| | JUNE | | | JULY | | | AUGUST | | | SEPTEMBER | | |
| 1 | 101 | 93 | 97 | 79 | 73 | 76 | 91 | 83 | 85 | 119 | 108 | 112 |
| 2 | 106 | 99 | 104 | 84 | 73 | 78 | 105 | 84 | 88 | 115 | 102 | 111 |
| 3 | 107 | 101 | 104 | 79 | 63 | 72 | 111 | 88 | 95 | 103 | 95 | 100 |
| 4 | 102 | 94 | 100 | 72 | 62 | 68 | 101 | 89 | 95 | 97 | 93 | 95 |
| 5 | 97 | 92 | 94 | 78 | 62 | 70 | 99 | 89 | 92 | 96 | 87 | 92 |
| 6 | 95 | 91 | 93 | 73 | 63 | 68 | 102 | 90 | 95 | 95 | 87 | 91 |
| 7 | 95 | 89 | 93 | 74 | 62 | 69 | 113 | 91 | 100 | 93 | 49 | 80 |
| 8 | 99 | 91 | 96 | 77 | 71 | 74 | 117 | 98 | 104 | 63 | 46 | 52 |
| 9 | 109 | 95 | 103 | 77 | 72 | 74 | 123 | 98 | 105 | --- | --- | --- |
| 10 | 115 | 105 | 110 | 79 | 72 | 77 | 123 | 101 | 110 | --- | 39 | --- |
| 11 | 109 | 99 | 104 | 84 | 76 | 80 | 117 | 103 | 108 | 57 | 49 | 54 |
| 12 | 109 | 98 | 103 | 92 | 84 | 89 | 124 | 99 | 114 | 60 | 55 | 58 |
| 13 | 102 | 98 | 100 | 94 | 89 | 91 | 112 | 99 | 104 | 62 | 59 | 61 |
| 14 | 103 | 91 | 97 | 94 | 90 | 92 | 103 | 91 | 97 | --- | --- | --- |
| 15 | 98 | 93 | 95 | 99 | 89 | 94 | 92 | 90 | 91 | --- | --- | --- |
| 16 | 98 | 55 | 76 | 92 | 88 | 90 | 97 | 88 | 91 | --- | --- | --- |
| 17 | 59 | 49 | 56 | 95 | 84 | 89 | 96 | 88 | 91 | 76 | 72 | 74 |
| 18 | 63 | 57 | 61 | 95 | 84 | 86 | 104 | 90 | 95 | 73 | 50 | 66 |
| 19 | 69 | 61 | 65 | 95 | 87 | 92 | 101 | 94 | 97 | 53 | 48 | 51 |
| 20 | 76 | 66 | 72 | 109 | 94 | 100 | 115 | 97 | 106 | 57 | 52 | 54 |
| 21 | 78 | 72 | 74 | 112 | 101 | 108 | 113 | 99 | 108 | 62 | 57 | 59 |
| 22 | 86 | 77 | 80 | 118 | 104 | 109 | 99 | 91 | 93 | 66 | 59 | 63 |
| 23 | 87 | 74 | 81 | 111 | 105 | 108 | 102 | 92 | 97 | 68 | 64 | 66 |
| 24 | 85 | 77 | 82 | 112 | 106 | 108 | 104 | 92 | 101 | 77 | 66 | 70 |
| 25 | 77 | 65 | 69 | 107 | 100 | 105 | 106 | 100 | 103 | --- | --- | --- |
| 26 | 66 | 40 | 59 | 105 | 99 | 103 | 106 | 99 | 103 | --- | --- | --- |
| 27 | 63 | 52 | 59 | 126 | 99 | 105 | 110 | 104 | 107 | --- | --- | --- |
| 28 | 70 | 62 | 66 | 120 | 105 | 112 | 106 | 102 | 104 | --- | --- | --- |
| 29 | 73 | 65 | 69 | 120 | 108 | 113 | 106 | 102 | 104 | --- | --- | --- |
| 30 | 76 | 69 | 73 | 108 | 79 | 96 | 113 | 106 | 109 | --- | --- | --- |
| 31 | --- | --- | --- | 87 | 77 | 82 | 113 | 109 | 111 | --- | --- | --- |
| MONTH | 115 | 40 | 84 | 126 | 62 | 90 | 124 | 83 | 100 | --- | --- | --- |

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

pH, water, unfiltered, field, standard units
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN |
|-------|---------|-----|----------|-----|----------|-----|---------|-----|----------|-----|-------|-----|
| | OCTOBER | | NOVEMBER | | DECEMBER | | JANUARY | | FEBRUARY | | MARCH | |
| 1 | --- | --- | 7.3 | 7.0 | 7.7 | 6.9 | 7.2 | 6.7 | 7.6 | 6.9 | 7.0 | 6.4 |
| 2 | --- | --- | 7.2 | 7.0 | 8.0 | 6.8 | 7.1 | 6.8 | 7.3 | 6.6 | 7.6 | 6.4 |
| 3 | --- | --- | 7.4 | 7.1 | 7.1 | 6.8 | 7.3 | 6.8 | 7.1 | 6.6 | 7.7 | 6.4 |
| 4 | --- | --- | 7.3 | 7.0 | 7.2 | 6.8 | 7.2 | 7.0 | 6.7 | 6.6 | 7.5 | 6.5 |
| 5 | --- | --- | 7.3 | 7.1 | 7.2 | 7.2 | 7.3 | 7.0 | 6.6 | 6.5 | 6.8 | 6.5 |
| 6 | --- | --- | 7.2 | 7.0 | 7.6 | 7.1 | 7.4 | 7.0 | 6.5 | 6.1 | 7.8 | 6.6 |
| 7 | 7.4 | 7.2 | 7.2 | 7.0 | 7.6 | 7.1 | 7.2 | 6.9 | 6.3 | 6.1 | 8.2 | 6.5 |
| 8 | 7.4 | 7.2 | 7.2 | 7.1 | 7.8 | 7.1 | 7.3 | 7.0 | 6.2 | 6.0 | 7.9 | 6.4 |
| 9 | 7.4 | 7.2 | 7.2 | 7.1 | 7.5 | 7.1 | 7.1 | 7.0 | 6.2 | 6.2 | 7.0 | 6.5 |
| 10 | 7.3 | 7.1 | 7.3 | 7.0 | 7.2 | 7.1 | 7.2 | 7.0 | 6.3 | 6.2 | 7.7 | 6.5 |
| 11 | 7.3 | 7.2 | 7.3 | 7.0 | 8.3 | 7.0 | 7.4 | 7.0 | 6.5 | 6.3 | 8.2 | 6.4 |
| 12 | 7.3 | 7.2 | 7.3 | 7.0 | 7.5 | 7.0 | 7.5 | 7.0 | 6.4 | 6.4 | 8.2 | 6.4 |
| 13 | 7.4 | 7.2 | 7.4 | 7.1 | 7.2 | 7.0 | 7.6 | 7.0 | 6.6 | 6.4 | 7.9 | 6.4 |
| 14 | 7.3 | 7.1 | 7.4 | 7.1 | 7.2 | 7.0 | 7.5 | 7.0 | 6.4 | 6.4 | 8.0 | 6.4 |
| 15 | 7.3 | 7.2 | 7.3 | 7.0 | 8.0 | 7.0 | 7.6 | 7.0 | 6.4 | 6.4 | 6.9 | 6.5 |
| 16 | 7.3 | 7.1 | 7.4 | 7.0 | 7.2 | 7.0 | 7.6 | 7.0 | 6.6 | 6.4 | 8.1 | 6.6 |
| 17 | 7.3 | 7.1 | 7.3 | 7.0 | 8.2 | 7.0 | 7.4 | 7.0 | 6.6 | 6.4 | 7.9 | 6.6 |
| 18 | 7.3 | 7.1 | 7.3 | 7.0 | 8.3 | 7.0 | 7.2 | 7.0 | 7.0 | 6.4 | 7.6 | 7.2 |
| 19 | 7.4 | 7.1 | 7.4 | 7.0 | 8.2 | 7.0 | 7.5 | 7.0 | 7.0 | 6.4 | 7.7 | 7.1 |
| 20 | 7.4 | 7.1 | 7.3 | 6.9 | 7.2 | 6.9 | 7.7 | 6.9 | 6.7 | 6.5 | 7.8 | 7.0 |
| 21 | 7.4 | 7.1 | 7.0 | 6.8 | 8.0 | 6.6 | 7.7 | 7.0 | 7.2 | 6.5 | 7.9 | 7.2 |
| 22 | 7.5 | 7.1 | 7.3 | 6.9 | 7.2 | 6.7 | 7.6 | 6.9 | 7.5 | 6.5 | 8.2 | 7.2 |
| 23 | 7.4 | 7.2 | 7.4 | 6.9 | 7.6 | 6.6 | 7.7 | 6.9 | 6.7 | 6.4 | 8.1 | 7.2 |
| 24 | 7.4 | 7.1 | 7.1 | 6.9 | 7.2 | 6.9 | 7.6 | 6.9 | 6.8 | 6.5 | 8.1 | 7.1 |
| 25 | 7.4 | 7.1 | 7.3 | 6.9 | 7.1 | 6.8 | 7.1 | 6.9 | 7.2 | 6.5 | 8.2 | 7.2 |
| 26 | 7.4 | 7.1 | 7.6 | 6.9 | 7.1 | 6.7 | 7.1 | 6.8 | 6.7 | 6.5 | 8.3 | 7.2 |
| 27 | 7.3 | 7.1 | 7.1 | 6.9 | 7.1 | 6.7 | 7.0 | 6.8 | 7.4 | 6.6 | 8.2 | 7.2 |
| 28 | 7.2 | 7.1 | 7.2 | 7.0 | 7.2 | 6.7 | 7.5 | 6.8 | 8.0 | 6.6 | 8.2 | 7.1 |
| 29 | 7.3 | 7.2 | 7.4 | 6.9 | 7.1 | 6.7 | 7.5 | 6.9 | 8.0 | 6.5 | 8.3 | 7.1 |
| 30 | 7.4 | 7.1 | 7.6 | 6.8 | 7.3 | 6.8 | 7.6 | 6.9 | --- | --- | 7.4 | 7.1 |
| 31 | 7.3 | 7.1 | --- | --- | 7.2 | 6.7 | 7.7 | 6.9 | --- | --- | 7.4 | 7.1 |
| MONTH | --- | --- | 7.6 | 6.8 | 8.3 | 6.6 | 7.7 | 6.7 | 8.0 | 6.0 | 8.3 | 6.4 |

| DAY | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN |
|-------|-------|-----|-----|-----|------|-----|------|-----|--------|-----|-----------|-----|
| | APRIL | | MAY | | JUNE | | JULY | | AUGUST | | SEPTEMBER | |
| 1 | 7.5 | 7.1 | 7.0 | 6.8 | 7.2 | 6.8 | 7.7 | 7.0 | 7.2 | 7.0 | 7.1 | 7.0 |
| 2 | 7.4 | 7.1 | 7.2 | 6.8 | 7.3 | 7.0 | 8.0 | 7.0 | 7.4 | 7.0 | 7.1 | 7.0 |
| 3 | 7.8 | 7.1 | 7.8 | 6.8 | 7.3 | 7.0 | 7.4 | 6.9 | 7.4 | 7.1 | 7.1 | 6.9 |
| 4 | 8.0 | 7.1 | 7.0 | 6.7 | 7.2 | 7.0 | 7.6 | 6.8 | 7.4 | 7.1 | 7.0 | 6.9 |
| 5 | 8.2 | 7.0 | 7.1 | 6.8 | 7.3 | 7.0 | 7.7 | 6.8 | 7.4 | 7.1 | 7.1 | 6.9 |
| 6 | 8.2 | 7.0 | 7.2 | 6.8 | 7.2 | 7.0 | 8.0 | 6.9 | 7.5 | 7.1 | 7.1 | 6.9 |
| 7 | 8.2 | 6.9 | 7.3 | 6.8 | 7.4 | 7.0 | 7.3 | 6.9 | 7.5 | 7.2 | 7.0 | 6.3 |
| 8 | 7.5 | 7.0 | 7.3 | 6.8 | 7.2 | 7.0 | 7.3 | 7.1 | 7.6 | 7.1 | 6.5 | 6.2 |
| 9 | 7.9 | 7.0 | 7.3 | 6.8 | 7.2 | 7.0 | 7.4 | 7.1 | 7.6 | 7.2 | --- | --- |
| 10 | 7.9 | 6.8 | 7.5 | 6.8 | 7.3 | 7.0 | 7.5 | 7.1 | 7.6 | 7.2 | --- | --- |
| 11 | 7.6 | 6.9 | 7.5 | 6.9 | 7.3 | 7.0 | 7.4 | 7.1 | 7.8 | 7.2 | 6.6 | 6.3 |
| 12 | 7.0 | 6.9 | 7.1 | 6.9 | 7.4 | 7.0 | 7.5 | 7.2 | 7.3 | 7.2 | 6.7 | 6.6 |
| 13 | 7.0 | 6.8 | 7.2 | 6.8 | 7.2 | 7.0 | 7.4 | 7.1 | 7.2 | 7.1 | 6.7 | 6.6 |
| 14 | 6.9 | 6.7 | 7.1 | 6.9 | 7.2 | 7.0 | 7.6 | 7.2 | 7.1 | 7.1 | 6.8 | 6.7 |
| 15 | 6.8 | 6.7 | 7.1 | 6.8 | 7.1 | 7.0 | 7.5 | 7.2 | 7.1 | 7.1 | 6.8 | 6.7 |
| 16 | 6.9 | 6.6 | 7.2 | 6.9 | 7.0 | 6.8 | 7.6 | 7.1 | 7.2 | 7.1 | 7.2 | 6.8 |
| 17 | 7.4 | 6.6 | 7.2 | 6.9 | 6.8 | 6.8 | 7.6 | 7.1 | 7.3 | 7.0 | 7.3 | 7.2 |
| 18 | 7.3 | 6.6 | 7.0 | 6.7 | 6.8 | 6.8 | 7.5 | 7.1 | 7.4 | 7.1 | 7.3 | 7.1 |
| 19 | 7.2 | 6.7 | 7.1 | 6.8 | 7.0 | 6.8 | 7.7 | 7.1 | 7.4 | 7.1 | 7.1 | 7.1 |
| 20 | 7.6 | 6.7 | 7.2 | 6.8 | 7.2 | 6.9 | 7.8 | 7.2 | 7.3 | 7.1 | 7.2 | 7.1 |
| 21 | 7.4 | 6.7 | 7.3 | 6.9 | 7.2 | 7.0 | 7.6 | 7.2 | 7.5 | 7.1 | 7.2 | 7.1 |
| 22 | 7.7 | 6.8 | 7.3 | 6.9 | 7.4 | 7.0 | 8.3 | 7.2 | 7.1 | 7.0 | 7.2 | 7.2 |
| 23 | 7.6 | 6.8 | 7.2 | 6.9 | 7.2 | 7.0 | 8.1 | 7.2 | 7.2 | 7.0 | 7.2 | 7.0 |
| 24 | 7.8 | 6.8 | 7.3 | 6.9 | 7.3 | 7.0 | 8.3 | 7.2 | 7.3 | 7.0 | 7.2 | 7.0 |
| 25 | 7.7 | 6.8 | 7.4 | 6.9 | 7.1 | 6.9 | 8.6 | 7.2 | 7.3 | 7.0 | 7.3 | 7.0 |
| 26 | 7.1 | 6.7 | 7.4 | 6.9 | 7.0 | 6.8 | 8.1 | 7.2 | 7.3 | 7.0 | 7.4 | 6.6 |
| 27 | 7.4 | 6.8 | 7.5 | 6.9 | 6.9 | 6.8 | 7.8 | 7.2 | 7.2 | 7.0 | 7.4 | 6.9 |
| 28 | 7.4 | 6.9 | 7.4 | 6.9 | 7.0 | 6.9 | 7.4 | 7.2 | 7.2 | 7.0 | 7.3 | 6.7 |
| 29 | 7.5 | 6.9 | 7.2 | 6.9 | 7.3 | 7.0 | 7.4 | 7.2 | 7.1 | 7.0 | 7.2 | 7.0 |
| 30 | 7.0 | 6.8 | 7.1 | 6.9 | 7.2 | 7.0 | 7.2 | 7.0 | 7.3 | 7.0 | 7.2 | 7.1 |
| 31 | --- | --- | 7.2 | 6.8 | --- | --- | 7.2 | 7.0 | 7.3 | 7.0 | --- | --- |
| MONTH | 8.2 | 6.6 | 7.8 | 6.7 | 7.4 | 6.8 | 8.6 | 6.8 | 7.8 | 7.0 | --- | --- |

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
|-------|---------|------|------|----------|------|------|----------|-----|------|---------|------|------|
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 20.4 | 19.2 | 19.9 | 16.8 | 15.7 | 16.1 | 9.8 | 8.8 | 9.3 | 7.3 | 6.5 | 6.9 |
| 2 | 19.8 | 18.6 | 19.3 | 16.8 | 15.8 | 16.2 | 9.3 | 8.6 | 9.0 | 7.4 | 7.0 | 7.3 |
| 3 | 19.1 | 18.2 | 18.6 | 17.4 | 16.0 | 16.6 | 9.0 | 8.1 | 8.4 | 8.6 | 7.3 | 7.8 |
| 4 | 19.4 | 17.5 | 18.3 | 17.9 | 16.3 | 17.2 | 8.1 | 7.6 | 7.8 | 9.6 | 8.5 | 8.9 |
| 5 | 19.2 | 17.6 | 18.2 | 18.5 | 17.0 | 17.7 | 7.7 | 7.5 | 7.6 | 11.5 | 9.6 | 10.7 |
| 6 | 19.8 | 18.0 | 18.9 | 19.1 | 17.6 | 18.4 | 8.3 | 7.4 | 7.9 | 11.8 | 10.8 | 11.4 |
| 7 | 19.2 | 18.5 | 18.9 | 19.6 | 18.3 | 19.1 | 8.2 | 7.4 | 7.9 | 10.8 | 9.4 | 10.1 |
| 8 | 19.2 | 18.7 | 18.9 | 19.3 | 18.4 | 18.8 | 7.9 | 7.3 | 7.6 | 9.4 | 8.5 | 8.9 |
| 9 | 19.2 | 18.8 | 19.0 | 18.5 | 17.2 | 18.0 | 8.0 | 7.2 | 7.6 | 8.6 | 7.6 | 8.0 |
| 10 | 19.2 | 18.5 | 18.9 | 17.2 | 15.8 | 16.4 | 8.4 | 7.8 | 8.0 | 7.6 | 6.2 | 7.0 |
| 11 | 19.6 | 18.8 | 19.2 | 16.4 | 14.7 | 15.5 | 8.6 | 7.6 | 8.2 | 6.2 | 5.5 | 5.9 |
| 12 | 20.3 | 19.2 | 19.8 | 16.6 | 14.8 | 15.5 | 8.9 | 8.2 | 8.5 | 6.4 | 5.3 | 5.8 |
| 13 | 21.1 | 19.6 | 20.4 | 15.9 | 14.4 | 15.3 | 8.6 | 7.9 | 8.1 | 6.7 | 5.7 | 6.1 |
| 14 | 21.0 | 20.4 | 20.6 | 14.4 | 13.2 | 13.9 | 7.9 | 7.4 | 7.5 | 7.3 | 6.3 | 6.7 |
| 15 | 20.4 | 19.2 | 19.8 | 14.0 | 12.8 | 13.3 | 7.6 | 6.9 | 7.3 | 7.6 | 6.6 | 7.2 |
| 16 | 19.5 | 18.7 | 19.0 | 13.5 | 12.2 | 12.9 | 7.5 | 7.0 | 7.3 | 8.0 | 6.5 | 7.2 |
| 17 | 19.2 | 17.8 | 18.4 | 14.3 | 13.2 | 13.6 | 7.9 | 7.3 | 7.6 | 7.2 | 6.4 | 6.8 |
| 18 | 18.8 | 17.3 | 18.0 | 15.1 | 13.2 | 14.1 | 7.9 | 7.3 | 7.6 | 7.5 | 6.6 | 7.1 |
| 19 | 18.6 | 17.0 | 17.6 | 15.9 | 14.7 | 15.5 | 7.8 | 7.2 | 7.5 | 8.2 | 7.5 | 7.8 |
| 20 | 18.5 | 16.8 | 17.6 | 15.8 | 14.9 | 15.4 | 7.6 | 6.7 | 7.2 | 7.8 | 6.6 | 7.2 |
| 21 | 18.9 | 17.0 | 17.7 | 15.6 | 14.4 | 14.9 | 6.7 | 5.8 | 6.2 | 7.0 | 5.8 | 6.3 |
| 22 | 18.9 | 17.0 | 17.7 | 14.4 | 13.6 | 14.1 | 6.9 | 5.0 | 5.8 | 7.1 | 5.4 | 6.0 |
| 23 | 17.6 | 16.4 | 17.0 | 14.0 | 12.9 | 13.6 | 6.4 | 5.2 | 5.9 | 6.7 | 5.5 | 6.0 |
| 24 | 17.3 | 15.8 | 16.4 | 13.9 | 13.0 | 13.4 | 7.3 | 6.3 | 6.8 | 6.8 | 5.6 | 6.2 |
| 25 | 17.0 | 15.4 | 16.0 | 13.2 | 12.0 | 12.5 | 7.5 | 6.5 | 7.0 | 6.6 | 5.4 | 6.1 |
| 26 | 16.9 | 15.7 | 16.2 | 12.0 | 11.4 | 11.6 | 6.9 | 6.1 | 6.5 | 5.4 | 4.3 | 4.8 |
| 27 | 16.9 | 15.8 | 16.4 | 11.5 | 10.9 | 11.2 | 6.6 | 5.8 | 6.2 | 4.3 | 3.7 | 4.2 |
| 28 | 16.3 | 15.9 | 16.1 | 11.9 | 11.3 | 11.6 | 6.3 | 5.5 | 6.0 | 4.2 | 3.3 | 3.8 |
| 29 | 16.3 | 15.5 | 15.9 | 11.3 | 10.2 | 10.7 | 6.6 | 5.6 | 6.1 | 4.7 | 3.6 | 4.0 |
| 30 | 16.5 | 15.1 | 15.8 | 10.2 | 9.2 | 9.6 | 7.4 | 6.6 | 7.0 | 5.2 | 4.2 | 4.6 |
| 31 | 17.1 | 15.4 | 16.2 | --- | --- | --- | 7.5 | 6.7 | 7.2 | 5.6 | 4.4 | 4.9 |
| MONTH | 21.1 | 15.1 | 18.1 | 19.6 | 9.2 | 14.8 | 9.8 | 5.0 | 7.4 | 11.8 | 3.3 | 6.8 |

| DAY | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
|-------|----------|-----|------|-------|------|------|-------|------|------|------|------|------|
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 5.3 | 4.6 | 5.1 | 7.9 | 6.7 | 7.3 | 15.5 | 14.7 | 15.1 | 20.6 | 19.4 | 20.0 |
| 2 | 5.5 | 4.5 | 5.1 | 9.8 | 7.6 | 8.7 | 15.2 | 13.8 | 14.5 | 20.7 | 19.9 | 20.4 |
| 3 | 5.5 | 4.5 | 4.9 | 11.5 | 9.8 | 10.7 | 14.5 | 13.0 | 13.9 | 20.6 | 19.3 | 19.9 |
| 4 | 5.1 | 4.4 | 4.8 | 13.2 | 11.3 | 12.2 | 15.0 | 13.6 | 14.3 | 20.0 | 18.2 | 19.1 |
| 5 | 4.8 | 4.5 | 4.6 | 14.3 | 12.7 | 13.5 | 15.8 | 13.6 | 14.5 | 19.7 | 18.3 | 19.1 |
| 6 | 5.6 | 4.7 | 5.0 | 15.6 | 14.1 | 14.8 | 15.3 | 14.2 | 14.6 | 20.9 | 19.2 | 20.1 |
| 7 | 6.2 | 5.5 | 5.8 | 16.2 | 14.8 | 15.5 | 16.2 | 13.8 | 14.9 | 22.2 | 20.1 | 21.3 |
| 8 | 6.0 | 5.7 | 5.8 | 15.4 | 14.2 | 14.8 | 15.6 | 14.9 | 15.3 | 24.4 | 21.6 | 22.9 |
| 9 | 5.7 | 5.3 | 5.5 | 14.2 | 12.5 | 13.2 | 17.2 | 14.9 | 16.0 | 24.5 | 22.0 | 23.4 |
| 10 | 5.8 | 5.1 | 5.5 | 12.5 | 11.4 | 11.8 | 17.7 | 16.0 | 16.7 | 26.0 | 22.9 | 24.2 |
| 11 | 6.7 | 5.5 | 6.1 | 11.8 | 10.6 | 11.3 | 18.3 | 16.6 | 17.4 | 26.1 | 23.5 | 24.6 |
| 12 | 6.8 | 6.3 | 6.6 | 12.0 | 10.8 | 11.5 | 17.2 | 15.5 | 16.7 | 25.1 | 23.4 | 24.1 |
| 13 | 7.6 | 6.3 | 6.9 | 11.9 | 10.9 | 11.5 | 16.4 | 15.5 | 15.9 | 25.2 | 23.4 | 24.1 |
| 14 | 7.7 | 7.2 | 7.4 | 12.8 | 11.4 | 12.0 | 15.6 | 13.9 | 14.7 | 25.8 | 23.4 | 24.3 |
| 15 | 7.9 | 7.6 | 7.8 | 13.3 | 12.3 | 12.8 | 14.7 | 13.3 | 14.1 | 25.3 | 23.7 | 24.3 |
| 16 | 7.8 | 7.0 | 7.5 | 14.0 | 13.1 | 13.6 | 15.7 | 13.7 | 14.8 | 26.0 | 24.0 | 24.8 |
| 17 | 7.4 | 6.8 | 7.0 | 14.4 | 13.5 | 13.8 | 17.0 | 14.8 | 15.9 | 26.1 | 23.5 | 24.8 |
| 18 | 7.4 | 6.1 | 6.8 | 14.1 | 13.2 | 13.7 | 18.5 | 16.0 | 17.4 | 25.7 | 23.6 | 24.6 |
| 19 | 7.7 | 5.9 | 6.9 | 15.2 | 13.1 | 14.0 | 20.3 | 17.4 | 18.9 | 25.8 | 23.9 | 24.7 |
| 20 | 8.7 | 6.7 | 7.7 | 15.1 | 13.6 | 14.2 | 20.5 | 19.2 | 19.8 | 26.2 | 24.0 | 25.0 |
| 21 | 10.0 | 8.6 | 9.4 | 15.5 | 13.8 | 14.7 | 20.8 | 20.0 | 20.4 | 27.8 | 25.1 | 26.2 |
| 22 | 10.5 | 9.3 | 10.0 | 15.1 | 12.6 | 13.8 | 21.1 | 19.9 | 20.6 | 28.2 | 25.8 | 26.8 |
| 23 | 10.1 | 9.4 | 9.7 | 14.4 | 11.9 | 13.1 | 22.3 | 20.4 | 21.2 | 28.4 | 25.8 | 27.0 |
| 24 | 9.5 | 9.2 | 9.4 | 14.2 | 11.4 | 12.7 | 22.4 | 21.0 | 21.7 | 28.7 | 25.3 | 27.2 |
| 25 | 9.5 | 8.8 | 9.3 | 14.5 | 12.1 | 13.2 | 22.8 | 21.8 | 22.2 | 28.9 | 26.1 | 27.7 |
| 26 | 9.4 | 5.9 | 7.9 | 16.1 | 12.8 | 14.3 | 22.9 | 21.0 | 22.0 | 28.6 | 26.9 | 27.7 |
| 27 | 6.6 | 5.7 | 6.3 | 17.1 | 14.0 | 15.6 | 22.6 | 20.2 | 21.2 | 28.7 | 26.4 | 27.4 |
| 28 | 7.2 | 5.3 | 6.4 | 18.2 | 15.9 | 17.1 | 20.6 | 19.4 | 20.0 | 28.4 | 26.3 | 27.3 |
| 29 | 7.5 | 5.9 | 6.8 | 19.2 | 16.9 | 17.9 | 20.4 | 19.1 | 19.7 | 28.2 | 26.3 | 27.3 |
| 30 | --- | --- | --- | 17.6 | 16.0 | 17.1 | 20.8 | 19.4 | 20.0 | 28.0 | 26.6 | 27.3 |
| 31 | --- | --- | --- | 16.8 | 15.2 | 15.9 | --- | --- | --- | 27.8 | 26.6 | 27.2 |
| MONTH | 10.5 | 4.4 | 6.8 | 19.2 | 6.7 | 13.4 | 22.9 | 13.0 | 17.5 | 28.9 | 18.2 | 24.3 |

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|------|------|------|------|------|------|--------|------|------|-----------|------|------|
| | JUNE | | | JULY | | | AUGUST | | | SEPTEMBER | | |
| 1 | 27.8 | 25.6 | 26.8 | 25.6 | 24.2 | 24.9 | 28.2 | 27.2 | 27.7 | 27.2 | 26.2 | 26.7 |
| 2 | 27.6 | 25.3 | 26.3 | 26.0 | 25.0 | --- | 29.7 | 27.4 | 28.4 | 26.7 | 25.6 | 26.2 |
| 3 | 27.8 | 25.2 | 26.4 | --- | --- | --- | 30.6 | 27.6 | 29.0 | 26.1 | 24.8 | 25.3 |
| 4 | 27.2 | 25.4 | 26.3 | --- | --- | --- | 30.6 | 28.2 | 29.2 | 25.3 | 24.5 | 25.0 |
| 5 | 27.2 | 24.9 | 26.1 | --- | --- | --- | 30.1 | 27.7 | 29.1 | 26.3 | 24.5 | 25.2 |
| 6 | 26.6 | 24.9 | 25.9 | --- | --- | --- | 29.2 | 27.1 | 28.2 | 25.6 | 24.7 | 25.0 |
| 7 | 27.1 | 24.9 | 26.0 | --- | --- | --- | 28.2 | 25.9 | 27.0 | 24.7 | 23.2 | 24.2 |
| 8 | 26.4 | 25.4 | 25.9 | 29.0 | 27.8 | 28.4 | 27.5 | 25.1 | 26.4 | 23.5 | 22.6 | 22.9 |
| 9 | 25.9 | 25.0 | 25.4 | 30.4 | 28.1 | 29.0 | 27.7 | 24.6 | 26.2 | --- | --- | --- |
| 10 | 27.0 | 24.6 | 25.7 | 31.3 | 28.2 | 29.6 | 27.2 | 25.0 | 26.3 | --- | --- | --- |
| 11 | 28.0 | 25.2 | 26.5 | 31.0 | 27.9 | 29.3 | 27.7 | 25.1 | 26.5 | 22.9 | 22.3 | 22.6 |
| 12 | 29.1 | 26.1 | 27.6 | 30.3 | 28.4 | 29.1 | 26.4 | 25.4 | 25.8 | 22.9 | 22.0 | 22.5 |
| 13 | 27.9 | 26.5 | 27.1 | 30.3 | 28.1 | 29.2 | 25.4 | 24.7 | 25.1 | 22.6 | 22.1 | 22.3 |
| 14 | 27.2 | 26.1 | 26.7 | 30.4 | 29.0 | 29.6 | 24.7 | 23.4 | 23.9 | 22.5 | 21.8 | 22.2 |
| 15 | 26.8 | 25.6 | 26.1 | 30.2 | 28.7 | 29.2 | 23.4 | 22.7 | 23.1 | 22.5 | 21.8 | 22.2 |
| 16 | 25.9 | 24.9 | 25.3 | 29.8 | 27.8 | 28.8 | 24.8 | 22.5 | 23.7 | 22.4 | 21.9 | 22.2 |
| 17 | 25.4 | 24.3 | 24.9 | 29.0 | 26.7 | 27.9 | 25.9 | 23.4 | 24.6 | 22.4 | 22.0 | 22.3 |
| 18 | 27.2 | 25.1 | 26.2 | 29.4 | 26.3 | 27.8 | 26.3 | 23.8 | 25.0 | 22.1 | 20.9 | 21.7 |
| 19 | 28.4 | 26.4 | 27.5 | 31.0 | 26.1 | 28.5 | 28.0 | 24.5 | 26.0 | 21.1 | 20.5 | 20.8 |
| 20 | 28.5 | 27.1 | 27.8 | 29.4 | 26.7 | 28.1 | 27.2 | 25.9 | 26.6 | 20.6 | 19.8 | 20.2 |
| 21 | 27.6 | 26.5 | 27.0 | 29.1 | 26.6 | 28.0 | 28.0 | 26.3 | 27.0 | 20.2 | 19.3 | 19.9 |
| 22 | 27.3 | 25.9 | 26.5 | 30.4 | 27.3 | 28.7 | 26.4 | 25.8 | 26.2 | 20.5 | 19.0 | 19.9 |
| 23 | 26.8 | 25.6 | 26.3 | 30.0 | 27.3 | 28.7 | 27.2 | 25.4 | 26.1 | 21.0 | 19.7 | 20.4 |
| 24 | 26.5 | 25.6 | 26.0 | 30.2 | 27.9 | 29.1 | 27.1 | 25.5 | 26.2 | 21.3 | 20.4 | 21.0 |
| 25 | 25.8 | 24.7 | 25.3 | 30.1 | 27.9 | 29.1 | 27.1 | 25.1 | 26.1 | 21.8 | 20.8 | 21.3 |
| 26 | 25.3 | 24.0 | 24.5 | 30.0 | 27.9 | 28.8 | 27.5 | 25.7 | 26.4 | 21.8 | 21.0 | 21.4 |
| 27 | 24.7 | 23.7 | 24.2 | 29.4 | 27.5 | 28.3 | 27.4 | 25.3 | 26.4 | 21.6 | 21.2 | 21.4 |
| 28 | 24.7 | 23.9 | 24.3 | 29.1 | 27.7 | 28.3 | 27.7 | 25.2 | 26.6 | 21.7 | 21.0 | 21.4 |
| 29 | 25.8 | 23.9 | 24.8 | 28.3 | 27.3 | 27.8 | 26.9 | 26.1 | 26.5 | 21.3 | 20.8 | 21.0 |
| 30 | 25.3 | 24.6 | 24.8 | 27.4 | 26.3 | 26.9 | 28.0 | 25.8 | 26.9 | 21.3 | 20.5 | 20.9 |
| 31 | --- | --- | --- | 28.4 | 26.4 | 27.4 | 27.6 | 26.3 | 26.9 | --- | --- | --- |
| MONTH | 29.1 | 23.7 | 26.0 | --- | --- | --- | 30.6 | 22.5 | 26.4 | --- | --- | --- |

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|-----|-----|------|------|-----|------|------|------|------|------|------|------|
| | | | | | | | | | | | | |
| 1 | 8.5 | 7.9 | 8.3 | 9.3 | 8.6 | 8.9 | 10.3 | 9.7 | 9.9 | 11.8 | 11.0 | 11.5 |
| 2 | 8.9 | 8.2 | 8.5 | 9.2 | 8.4 | 8.7 | 10.4 | 9.5 | 9.8 | 11.5 | 10.6 | 11.1 |
| 3 | 9.1 | 8.4 | 8.7 | 9.3 | 8.4 | 8.7 | --- | --- | --- | 11.2 | 10.5 | 10.8 |
| 4 | 9.6 | 8.5 | 9.0 | 8.9 | 8.2 | 8.5 | --- | --- | --- | --- | --- | --- |
| 5 | 9.4 | 8.7 | 9.0 | 8.6 | 8.0 | 8.3 | --- | --- | --- | --- | --- | --- |
| 6 | 9.4 | 8.4 | 8.9 | 8.3 | 7.8 | 8.0 | --- | --- | --- | --- | --- | --- |
| 7 | 8.9 | 8.3 | 8.6 | 8.4 | 7.7 | 8.0 | --- | --- | --- | 11.0 | 9.7 | 10.3 |
| 8 | 8.6 | 8.3 | 8.4 | 8.0 | 7.7 | 7.8 | --- | --- | --- | 11.7 | 10.5 | 11.1 |
| 9 | 8.6 | 8.2 | 8.5 | 8.4 | 7.8 | 8.1 | --- | --- | --- | 11.9 | 11.0 | 11.3 |
| 10 | 8.6 | 8.1 | 8.3 | 8.9 | 8.1 | 8.5 | --- | --- | --- | 12.1 | 11.0 | 11.7 |
| 11 | 8.4 | 8.2 | 8.3 | 9.3 | 8.3 | 8.8 | --- | --- | --- | --- | --- | --- |
| 12 | 8.3 | 8.1 | 8.2 | 9.4 | 8.7 | 8.9 | --- | --- | --- | --- | --- | --- |
| 13 | 8.5 | 8.0 | 8.3 | 9.4 | 8.5 | 8.9 | --- | --- | --- | --- | --- | --- |
| 14 | 8.3 | 7.8 | 8.0 | 9.7 | 8.8 | 9.1 | --- | --- | --- | --- | --- | --- |
| 15 | 8.4 | 7.9 | 8.2 | 9.7 | 8.9 | 9.2 | --- | --- | --- | --- | --- | --- |
| 16 | 8.5 | 8.0 | 8.3 | 9.9 | 9.0 | 9.3 | --- | --- | --- | 12.2 | 10.5 | 11.4 |
| 17 | 8.8 | 8.2 | 8.5 | 9.7 | 9.0 | 9.3 | --- | --- | --- | 12.0 | 11.3 | 11.6 |
| 18 | 8.9 | 8.3 | 8.6 | 9.7 | 8.8 | 9.2 | --- | --- | --- | 12.2 | 11.4 | 11.7 |
| 19 | 9.2 | 8.4 | 8.7 | 9.0 | 8.4 | 8.7 | --- | --- | --- | 12.0 | 11.2 | 11.5 |
| 20 | 9.5 | 8.6 | 9.0 | 8.9 | 8.2 | 8.7 | --- | --- | --- | 12.5 | 10.7 | 11.7 |
| 21 | 9.3 | 8.5 | 8.8 | 9.0 | 8.8 | 8.9 | --- | --- | --- | 13.0 | --- | --- |
| 22 | 9.2 | 8.5 | 8.8 | 9.2 | 8.9 | 9.0 | --- | --- | --- | --- | --- | --- |
| 23 | 8.9 | 8.5 | 8.7 | 9.4 | 9.0 | 9.1 | --- | --- | --- | 13.0 | --- | --- |
| 24 | 9.1 | 8.4 | 8.7 | 9.3 | 9.0 | 9.1 | 11.1 | 10.6 | 10.9 | --- | --- | --- |
| 25 | 9.4 | 8.6 | 8.9 | 9.6 | 9.0 | 9.2 | 11.0 | 10.6 | 10.8 | --- | --- | --- |
| 26 | 9.5 | 8.7 | 9.0 | 9.6 | 9.1 | 9.4 | 11.9 | 10.9 | 11.4 | --- | --- | --- |
| 27 | 9.2 | 8.6 | 8.8 | 9.9 | 9.5 | 9.7 | 11.8 | 11.5 | 11.7 | --- | --- | --- |
| 28 | 8.6 | 8.5 | 8.6 | 9.6 | 9.4 | 9.5 | 11.9 | 11.5 | 11.7 | --- | --- | --- |
| 29 | 8.9 | 8.5 | 8.7 | 9.9 | 9.4 | 9.6 | 12.5 | 11.6 | 12.0 | --- | --- | --- |
| 30 | 9.3 | 8.6 | 8.8 | 10.2 | 9.5 | 9.8 | 12.1 | 11.4 | 11.8 | --- | --- | --- |
| 31 | 9.5 | 8.6 | 9.0 | --- | --- | --- | 11.6 | 11.2 | 11.4 | --- | --- | --- |
| MONTH | 9.6 | 7.8 | 8.6 | 10.2 | 7.7 | 8.9 | --- | --- | --- | --- | --- | --- |

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|------|------|------|------|------|------|------|-----|------|-----|-----|------|
| | | | | | | | | | | | | |
| 1 | --- | --- | --- | 12.1 | 11.8 | 11.9 | 9.6 | 8.4 | 8.9 | 8.4 | 7.3 | 7.9 |
| 2 | 13.0 | --- | --- | 11.8 | 11.2 | 11.6 | 9.2 | 8.6 | 8.9 | 8.2 | 7.7 | 7.9 |
| 3 | 11.5 | 10.6 | 10.9 | 11.4 | 11.0 | 11.2 | 10.0 | 8.9 | 9.3 | 8.0 | 7.6 | 7.7 |
| 4 | 11.2 | 10.8 | 11.0 | 11.2 | 10.6 | 11.0 | 10.1 | 8.7 | 9.3 | 8.0 | 7.3 | 7.6 |
| 5 | 11.7 | 10.8 | 11.3 | 10.7 | 10.3 | 10.6 | 10.2 | 8.4 | 9.2 | 8.4 | 7.5 | 7.9 |
| 6 | 11.4 | 10.1 | 10.9 | 10.4 | 9.8 | 10.2 | 10.5 | 8.1 | 9.3 | 8.2 | 7.2 | 7.7 |
| 7 | 10.3 | 9.9 | 10.1 | 10.4 | 9.1 | 9.9 | 10.5 | 7.4 | 9.1 | 8.0 | 7.3 | 7.5 |
| 8 | --- | --- | --- | 10.7 | 9.4 | 10.0 | 9.6 | 8.6 | 9.0 | 7.8 | 6.8 | 7.2 |
| 9 | --- | --- | --- | 10.6 | 9.7 | 10.0 | 10.6 | 8.5 | 9.4 | 7.5 | 6.5 | 7.1 |
| 10 | --- | --- | --- | 11.2 | 9.9 | 10.5 | 10.4 | 8.6 | 9.2 | 7.4 | 6.0 | 6.8 |
| 11 | --- | --- | --- | 11.3 | 10.1 | 10.7 | 9.8 | 8.3 | 8.9 | 7.4 | 6.2 | 6.7 |
| 12 | --- | --- | --- | 11.6 | 10.0 | 10.7 | 8.7 | 8.2 | 8.4 | 7.0 | 6.2 | 6.5 |
| 13 | --- | --- | --- | 11.4 | 10.0 | 10.8 | 9.3 | 8.1 | 8.7 | 7.0 | 6.0 | 6.5 |
| 14 | 11.2 | 10.6 | 11.0 | 11.3 | 10.0 | 10.7 | 9.6 | 8.8 | 9.2 | --- | --- | --- |
| 15 | 10.9 | 10.6 | 10.8 | 10.8 | 9.6 | 10.1 | 9.6 | 9.4 | 9.5 | 6.9 | 6.1 | 6.4 |
| 16 | 11.1 | 10.7 | 10.9 | 10.6 | 9.5 | 9.9 | 9.5 | 9.2 | 9.4 | --- | --- | --- |
| 17 | 11.5 | 10.9 | 11.3 | 10.8 | 9.4 | 9.9 | 9.6 | 9.0 | 9.3 | --- | --- | --- |
| 18 | 11.9 | 11.4 | 11.6 | 10.4 | 9.5 | 9.8 | 9.5 | 8.8 | 9.1 | --- | --- | --- |
| 19 | 11.9 | 11.5 | 11.7 | 10.7 | 9.5 | 9.9 | 9.0 | 8.0 | 8.6 | --- | --- | --- |
| 20 | 11.7 | 11.2 | 11.5 | 10.7 | 9.5 | 9.9 | 9.4 | 8.0 | 8.7 | --- | --- | --- |
| 21 | 11.4 | 10.8 | 11.1 | 10.5 | 9.1 | 9.8 | 9.0 | 7.8 | 8.3 | 7.9 | 6.2 | 6.9 |
| 22 | 11.0 | 10.7 | 10.8 | 10.8 | 9.1 | 9.7 | 8.6 | 7.6 | 8.2 | 7.6 | 6.2 | 6.9 |
| 23 | 11.2 | 10.7 | 10.9 | 10.8 | 9.0 | 9.8 | 9.0 | 7.6 | 8.2 | 7.3 | 6.1 | 6.7 |
| 24 | 11.2 | 10.7 | 10.9 | 10.9 | 9.0 | 10.1 | 8.8 | 7.4 | 8.1 | 7.5 | 5.9 | 6.7 |
| 25 | 11.4 | 10.6 | 11.0 | 11.0 | 9.6 | 10.2 | 8.8 | 6.2 | 7.8 | 7.8 | 5.9 | 6.9 |
| 26 | 11.3 | 10.9 | 11.1 | 10.9 | 9.3 | 10.0 | 8.2 | 6.3 | 7.3 | 7.7 | 5.9 | 6.7 |
| 27 | 11.9 | 11.2 | 11.6 | 10.6 | 9.1 | 9.7 | 8.4 | 6.6 | 7.5 | 7.9 | 5.9 | 6.7 |
| 28 | 12.7 | 11.8 | 12.2 | 10.2 | 8.6 | 9.3 | 8.6 | 7.6 | 8.1 | 7.9 | 6.0 | 6.7 |
| 29 | 12.5 | 12.1 | 12.2 | 10.0 | 8.2 | 9.1 | 8.8 | 7.8 | 8.2 | 7.2 | 5.6 | 6.3 |
| 30 | --- | --- | --- | 8.7 | 7.9 | 8.3 | 8.5 | 7.4 | 8.0 | 6.7 | 5.5 | 6.1 |
| 31 | --- | --- | --- | 9.0 | 7.9 | 8.5 | --- | --- | --- | --- | --- | --- |
| MONTH | --- | --- | --- | 12.1 | 7.9 | 10.1 | 10.6 | 6.2 | 8.7 | --- | --- | --- |

SANTEE RIVER BASIN

02156500 BROAD RIVER NEAR CARLISLE, SC--Continued

Dissolved oxygen, water, unfiltered, milligrams per liter
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|------|-----|------|------|-----|------|--------|-----|------|-----------|-----|------|
| | JUNE | | | JULY | | | AUGUST | | | SEPTEMBER | | |
| 1 | --- | --- | --- | 7.5 | 6.9 | 7.2 | 6.6 | 6.0 | 6.3 | 6.6 | 6.3 | 6.4 |
| 2 | --- | --- | --- | 7.7 | 6.9 | 7.2 | 6.5 | 5.9 | 6.2 | --- | --- | --- |
| 3 | --- | --- | --- | 7.3 | 7.0 | 7.2 | 6.6 | 6.0 | 6.2 | --- | --- | --- |
| 4 | 7.1 | 6.2 | 6.5 | 7.7 | 7.0 | 7.2 | 7.0 | 6.0 | 6.3 | --- | --- | --- |
| 5 | 7.2 | 6.2 | 6.6 | 7.6 | 6.9 | 7.1 | 7.0 | 5.9 | 6.4 | --- | --- | --- |
| 6 | 6.9 | 6.0 | 6.4 | 7.9 | 6.9 | 7.2 | 7.4 | 6.0 | 6.6 | --- | --- | --- |
| 7 | 7.0 | 5.9 | 6.4 | 7.3 | 6.7 | 7.0 | 7.5 | 6.0 | 6.8 | --- | --- | --- |
| 8 | 6.7 | 5.9 | 6.3 | 7.2 | 6.4 | 6.8 | 7.6 | 6.2 | 6.8 | --- | --- | --- |
| 9 | 6.9 | 6.1 | 6.5 | 7.2 | 6.5 | 6.8 | 7.8 | 6.3 | 6.8 | --- | --- | --- |
| 10 | 7.1 | 5.9 | 6.4 | 7.3 | 6.4 | 6.7 | 7.9 | 6.3 | 7.1 | --- | --- | --- |
| 11 | 6.8 | 5.8 | 6.3 | 7.3 | 6.3 | 6.6 | 8.4 | 6.1 | 7.1 | --- | --- | --- |
| 12 | 6.8 | 5.7 | 6.1 | 7.3 | 6.3 | 6.6 | 6.6 | 5.8 | 6.1 | --- | --- | --- |
| 13 | 6.5 | 5.6 | 6.0 | 7.0 | 6.3 | 6.5 | 7.1 | 5.8 | 6.5 | --- | --- | --- |
| 14 | 6.3 | 5.6 | 6.2 | 7.3 | 6.1 | 6.6 | 6.9 | 6.7 | 6.8 | --- | --- | --- |
| 15 | 6.4 | 6.2 | 6.2 | 7.4 | 6.1 | 6.5 | 6.9 | 6.7 | 6.8 | --- | --- | --- |
| 16 | 6.9 | 6.3 | 6.6 | 7.2 | 6.0 | 6.6 | 7.0 | 6.3 | 6.8 | --- | --- | --- |
| 17 | 6.9 | 6.4 | 6.7 | 7.3 | 5.9 | 6.6 | 6.9 | 6.3 | 6.6 | --- | --- | --- |
| 18 | 6.4 | 6.0 | 6.2 | 7.2 | 6.2 | 6.6 | 7.0 | 6.2 | 6.5 | --- | --- | --- |
| 19 | 6.2 | 6.0 | 6.1 | 7.6 | 5.8 | 6.5 | 7.2 | 6.2 | 6.5 | --- | --- | --- |
| 20 | 6.5 | 6.1 | 6.2 | 7.8 | 5.8 | 6.6 | 6.8 | 6.2 | 6.4 | --- | --- | --- |
| 21 | 6.4 | 6.0 | 6.1 | 7.8 | 5.8 | 6.7 | 6.6 | 5.8 | 6.2 | --- | --- | --- |
| 22 | 6.6 | 6.0 | 6.3 | 8.2 | 6.0 | 7.0 | --- | --- | --- | --- | --- | --- |
| 23 | 6.5 | 6.2 | 6.3 | 8.3 | 5.5 | 6.7 | --- | --- | --- | --- | --- | --- |
| 24 | 6.6 | 6.4 | 6.4 | 8.3 | 6.0 | 6.9 | --- | --- | --- | --- | --- | --- |
| 25 | 6.7 | 6.4 | 6.6 | 8.7 | 5.5 | 7.1 | --- | --- | --- | --- | --- | --- |
| 26 | 7.3 | 6.5 | 7.0 | 8.0 | 5.8 | 6.7 | --- | --- | --- | --- | --- | --- |
| 27 | 7.2 | 6.5 | 6.8 | 7.4 | 5.7 | 6.5 | --- | --- | --- | --- | --- | --- |
| 28 | 6.7 | 6.5 | 6.6 | 6.7 | 5.9 | 6.3 | --- | --- | --- | --- | --- | --- |
| 29 | 7.1 | 6.6 | 6.8 | 6.7 | 6.0 | 6.3 | --- | --- | --- | --- | --- | --- |
| 30 | 7.1 | 6.8 | 6.9 | 6.6 | 5.9 | 6.3 | --- | --- | --- | --- | --- | --- |
| 31 | --- | --- | --- | 6.6 | 6.0 | 6.3 | --- | --- | --- | --- | --- | --- |
| MONTH | --- | --- | --- | 8.7 | 5.5 | 6.7 | --- | --- | --- | --- | --- | --- |