02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued
WATER-QUALITY RECORDS
PERIOD OF RECORD.--Water years 1975 to current year.
PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1983 to current year.
pH: April 1983 to September 1993 (discontinued).
WATER TEMPERATURE: August 1975 to current year.
DISSOLVED OXYGEN: April 1983 to September 1993, January 2004 to September 2004.
INSTRUMENTATION.--Water-quality multiprobe and data collection platform.
REMARKS.--Specific conductance records rated excellent except for Dec. 28 to Jan. 27, Aug. 25 to Sep. 21, which are good, and Jan. 28, 29, which are fair. Temperature records rated excellent except for Nov. 19, which are good, Oct. 1-16, Nov. 20, 21 , which are fair, and Nov. 22-27, which are poor. Dissolved oxygen records rated excellent except for Feb. 24 to Mar. 9, May 20-27, June 11-16, July 3 to Aug. 11, Sep. 28-30, which are good, May 28 to June 3, June 17-27, which are fair, and Mar. 17 to Apr. 3, June 4, June 23 to July 2, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 334 microsiemens, Sep. 17, 1985; minimum, 40 microsiemens, Sep. 7, 1987.
pH: Maximum, 8.4 units, Jul. 26, 27, 1988; minimum, 5.6 units, Sep. 7, 1987.
WATER TEMPERATURE: Maximum, $32.5^{\circ} \mathrm{C}$, Jul. 21, 1986; minimum, $2.5^{\circ} \mathrm{C}$, Jan. $12-13,1981$, Dec. $25,1989$.
DISSOLVED OXYGEN: Maximum, $13.7 \mathrm{mg} / \mathrm{L}, \mathrm{Jan} .20,23,1988 ;$ minimum, $0.0 \mathrm{mg} / \mathrm{L}, \mathrm{Sep} .24,25,1989$.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 134 microsiemens, Aug. 1; minimum, 60 microsiemens, Oct. 16-18, but may have been lower during periods of missing record.

WATER TEMPERATURE: Maximum, $30.4^{\circ} \mathrm{C}$, Aug. 4 ; minimum, $6.3^{\circ} \mathrm{C}, \mathrm{Feb} .2$.
DISSOLVED OXYGEN: Maximum, $12.5 \mathrm{mg} / \mathrm{L}, \mathrm{Feb} .4,5,8 ;$ minimum, $3.5 \mathrm{mg} / \mathrm{L}$, Aug. 31.
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004


02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, 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 | 103 | 96 | 98 | 102 | 101 | 101 | 103 | 98 | 100 | 98 | 95 | 96 |
| 2 | 104 | 96 | 98 | 103 | 101 | 102 | 102 | 99 | 100 | 100 | 95 | 98 |
| 3 | 106 | 96 | 98 | 103 | 101 | 102 | 101 | 99 | 100 | 100 | 95 | 97 |
| 4 | 102 | 96 | 98 | 104 | 102 | 103 | 104 | 97 | 100 | 103 | 99 | 101 |
| 5 | 105 | 97 | 98 | 104 | 102 | 103 | 103 | 98 | 100 | 103 | 97 | 100 |
| 6 | 123 | 98 | 102 | 104 | 101 | 102 | 102 | 97 | 99 | 106 | 95 | 99 |
| 7 | 104 | 97 | 99 | 105 | 102 | 103 | 102 | 98 | 99 | 102 | 94 | 97 |
| 8 | 100 | 97 | 99 | 105 | 102 | 103 | 103 | 98 | 100 | 101 | 94 | 95 |
| 9 | 104 | 98 | 99 | 104 | 99 | 102 | 107 | 99 | 101 | 101 | 94 | 96 |
| 10 | 104 | 98 | 100 | 103 | 98 | 100 | 107 | 98 | 101 | 109 | 95 | 98 |
| 11 | 101 | 98 | 99 | 100 | 98 | 99 | 112 | 98 | 102 | 106 | 92 | 97 |
| 12 | 102 | 96 | 98 | 100 | 98 | 99 | 112 | 97 | 101 | 97 | 91 | 93 |
| 13 | 101 | 96 | 99 | 103 | 100 | 101 | 102 | 98 | 99 | 96 | 91 | 92 |
| 14 | 101 | 97 | 100 | --- | --- | --- | 104 | 99 | 101 | 94 | 90 | 92 |
| 15 | 101 | 98 | 99 | --- | --- | --- | 103 | 99 | 101 | 92 | 90 | 91 |
| 16 | 100 | 97 | 98 | --- | --- | --- | 102 | 99 | 100 | 94 | 90 | 92 |
| 17 | 99 | 96 | 97 | --- | --- | --- | 102 | 97 | 99 | 94 | 91 | 92 |
| 18 | 97 | 96 | 97 | --- | --- | --- | 102 | 98 | 99 | 95 | 91 | 93 |
| 19 | 99 | 97 | 98 | --- | --- | --- | 103 | 98 | 100 | 97 | 91 | 93 |
| 20 | 100 | 98 | 99 | --- | --- | --- | 105 | 98 | 100 | 95 | 90 | 92 |
| 21 | 101 | 99 | 100 | --- | --- | --- | 102 | 97 | 99 | 93 | 90 | 91 |
| 22 | 102 | 99 | 101 | --- | -- | --- | 100 | 96 | 97 | 93 | 90 | 91 |
| 23 | 102 | 100 | 101 | 103 | 99 | 100 | 99 | 97 | 98 | 93 | 90 | 92 |
| 24 | 103 | 100 | 101 | 101 | 99 | 100 | 98 | 96 | 97 | 96 | 92 | 93 |
| 25 | 102 | 100 | 101 | 102 | 99 | 100 | 101 | 97 | 98 | 93 | 90 | 92 |
| 26 | 101 | 99 | 100 | 102 | 100 | 101 | 100 | 97 | 99 | 93 | 90 | 92 |
| 27 | 101 | 99 | 100 | 104 | 101 | 102 | 100 | 97 | 98 | 92 | 90 | 91 |
| 28 | 101 | 100 | 101 | 104 | 101 | 102 | 99 | 95 | 97 | 92 | 89 | 90 |
| 29 | 102 | 100 | 101 | 105 | 101 | 102 | 102 | 96 | 97 | 92 | 89 | 90 |
| 30 | --- | --- | --- | 105 | 99 | 101 | 98 | 96 | 97 | 92 | 90 | 91 |
| 31 | --- | --- | --- | 103 | 99 | 100 | --- | --- | --- | 97 | 90 | 92 |
| MONTH | 123 | 96 | 99 | --- | --- | --- | 112 | 95 | 99 | 109 | 89 | 94 |


| DAY | $\begin{aligned} & \text { Specific } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { condu } \\ & \text { MIN } \end{aligned}$ | MEAN | water, unf MAX | $\begin{gathered} \text { Itered, } \\ \text { MIN } \end{gathered}$ | microsiemens MEAN | $\begin{aligned} & \text { per } \\ & \text { MAX } \end{aligned}$ | centimeter <br> MIN | at 25 <br> MEAN | $\begin{gathered} \text { degrees C } \\ \text { MAX } \end{gathered}$ | elsius MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |
| 1 | 101 | 89 | 92 | 100 | 93 | 95 | 134 | 96 | 105 | 82 | 61 | 76 |
| 2 | 103 | 90 | 93 | 100 | 92 | 95 | 113 | 96 | 99 | 87 | 71 | 83 |
| 3 | 102 | 89 | 93 | 104 | 92 | 95 | 127 | 97 | 104 | 92 | 83 | 86 |
| 4 | 102 | 90 | 94 | 105 | 92 | 95 | 118 | 97 | 103 | 92 | 87 | 89 |
| 5 | 109 | 90 | 95 | 102 | 92 | 95 | 117 | 97 | 101 | 93 | 91 | 92 |
| 6 | 101 | 89 | 92 | 98 | 92 | 94 | 116 | 98 | 101 | 94 | 92 | 93 |
| 7 | 100 | 89 | 93 | 102 | 94 | 96 | 112 | 98 | 102 | 95 | 93 | 93 |
| 8 | 103 | 90 | 94 | 106 | 94 | 97 | 110 | 98 | 102 | 96 | 93 | 94 |
| 9 | 104 | 91 | 95 | 101 | 94 | 96 | 103 | 97 | 99 | 98 | 92 | 95 |
| 10 | 104 | 90 | 94 | 100 | 94 | 97 | 103 | 97 | 99 | 99 | 97 | 98 |
| 11 | 95 | 89 | 91 | 98 | 94 | 96 | 105 | 99 | 100 | 100 | 97 | 98 |
| 12 | 95 | 88 | 90 | 99 | 94 | 96 | 103 | 98 | 100 | 99 | 96 | 98 |
| 13 | 99 | 89 | 93 | 99 | 95 | 96 | 102 | 97 | 99 | 99 | 96 | 97 |
| 14 | 98 | 90 | 93 | 98 | 95 | 95 | 99 | 97 | 98 | 101 | 96 | 98 |
| 15 | 99 | 90 | 92 | 97 | 95 | 96 | 102 | 97 | 99 | 100 | 94 | 96 |
| 16 | 93 | 89 | 91 | 98 | 95 | 96 | 104 | 98 | 100 | 98 | 95 | 96 |
| 17 | 94 | 90 | 91 | 98 | 95 | 96 | 104 | 97 | 99 | 100 | 95 | 97 |
| 18 | 93 | 89 | 91 | 99 | 95 | 96 | 103 | 98 | 99 | 100 | 96 | 97 |
| 19 | 92 | 90 | 91 | 101 | 96 | 97 | 101 | 98 | 99 | 100 | 96 | 98 |
| 20 | 94 | 90 | 92 | 101 | 96 | 97 | 101 | 96 | 98 | 110 | 97 | 100 |
| 21 | 98 | 91 | 92 | 99 | 96 | 97 | 101 | 97 | 98 | 102 | 95 | 99 |
| 22 | 93 | 90 | 91 | 101 | 96 | 98 | 105 | 97 | 99 | 101 | 94 | 98 |
| 23 | 93 | 90 | 91 | 101 | 96 | 98 | 105 | 97 | 100 | 103 | 94 | 96 |
| 24 | 93 | 91 | 92 | 103 | 96 | 98 | 104 | 97 | 98 | 103 | 96 | 98 |
| 25 | 95 | 92 | 92 | 102 | 95 | 97 | 102 | 96 | 98 | 102 | 96 | 98 |
| 26 | 96 | 92 | 93 | 102 | 96 | 98 | 105 | 96 | 99 | 104 | 96 | 98 |
| 27 | 103 | 93 | 95 | 100 | 95 | 97 | 105 | 97 | 99 | 111 | 96 | 99 |
| 28 | 102 | 93 | 96 | 103 | 96 | 98 | 105 | 95 | 98 | 102 | 98 | 99 |
| 29 | 100 | 92 | 95 | 105 | 97 | 100 | 106 | 90 | 94 | 100 | 92 | 97 |
| 30 | 100 | 92 | 95 | 111 | 97 | 101 | 91 | 66 | 78 | 109 | 91 | 96 |
| 31 | --- | --- | --- | 119 | 97 | 103 | 74 | 65 | 70 | --- | - | -- |
| MONTH | 109 | 88 | 93 | 119 | 92 | 97 | 134 | 65 | 98 | 111 | 61 | 95 |

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

| Temperature, water, degrees Celsius TER YEAR OCTOBER 2003 TO SEPTEMBER 2004 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 23.1 | 22.6 | 22.8 | 20.1 | 19.6 | 19.8 | --- | --- | -- | 9.5 | 9.2 | 9.4 |
| 2 | 22.9 | 22.3 | 22.5 | 20.2 | 19.6 | 19.9 | --- | --- | --- | 9.6 | 9.2 | 9.5 |
| 3 | 22.9 | 21.7 | 22.3 | 20.4 | 19.9 | 20.2 | --- | --- | --- | 10.6 | 9.5 | 10.0 |
| 4 | 22.4 | 21.7 | 22.0 | 21.1 | 20.4 | 20.7 | --- | --- | --- | 11.4 | 10.4 | 10.8 |
| 5 | 22.4 | 21.7 | 22.1 | 21.7 | 20.8 | 21.2 | --- | --- | --- | 12.2 | 11.1 | 11.6 |
| 6 | 22.4 | 21.9 | 22.2 | 22.1 | 21.2 | 21.6 | --- | --- | -- | 12.4 | 11.1 | 12.0 |
| 7 | 22.3 | 21.9 | 22.1 | 21.8 | 21.2 | 21.3 | --- | --- | --- | 11.1 | 9.8 | 10.1 |
| 8 | 22.2 | 21.6 | 21.9 | 21.4 | 20.7 | 21.1 | --- | --- | --- | 9.8 | 9.2 | 9.5 |
| 9 | 22.4 | 21.7 | 22.1 | 20.7 | 19.1 | 19.8 | --- | --- | --- | 9.7 | 9.5 | 9.6 |
| 10 | 22.3 | 21.7 | 21.9 | 19.4 | 18.9 | 19.1 | --- | --- | --- | 9.6 | 8.8 | 9.0 |
| 11 | 21.7 | 21.5 | 21.6 | 19.1 | 18.5 | 18.8 | --- | --- | --- | 8.8 | 8.1 | 8.4 |
| 12 | 22.1 | 21.4 | 21.7 | 19.4 | 18.7 | 19.1 | --- | --- | --- | 8.7 | 8.0 | 8.3 |
| 13 | 22.4 | 21.7 | 22.1 | 19.4 | 18.4 | 19.0 | 11.1 | 10.8 | 10.9 | 8.8 | 8.2 | 8.5 |
| 14 | 22.7 | 22.2 | 22.4 | 18.4 | 17.3 | 17.8 | 10.9 | 10.2 | 10.6 | 9.0 | 8.4 | 8.7 |
| 15 | 22.2 | 21.2 | 21.6 | 17.7 | 16.8 | 17.2 | 10.5 | 10.0 | 10.2 | 9.3 | 8.8 | 9.0 |
| 16 | 21.6 | 20.8 | 21.3 | 17.5 | 16.9 | 17.2 | 10.5 | 10.1 | 10.3 | 9.0 | 8.6 | 8.8 |
| 17 | 21.4 | 21.0 | 21.2 | 17.8 | 17.3 | 17.5 | 10.5 | 10.0 | 10.4 | 9.1 | 8.6 | 8.8 |
| 18 | 21.4 | 21.0 | 21.2 | 18.0 | 17.7 | 17.8 | 10.0 | 9.6 | 9.8 | 10.4 | 9.1 | 9.7 |
| 19 | 21.2 | 20.7 | 20.9 | 18.5 | 17.8 | 18.2 | 9.8 | 9.3 | 9.6 | 10.4 | 10.0 | 10.3 |
| 20 | 21.3 | 20.7 | 21.0 | 18.0 | 16.9 | 17.4 | 9.5 | 8.8 | 9.1 | 10.0 | 9.0 | 9.3 |
| 21 | 21.4 | 21.0 | 21.2 | 17.3 | 16.2 | 16.8 | 8.9 | 8.4 | 8.7 | 9.1 | 8.6 | 8.9 |
| 22 | 21.5 | 21.0 | 21.2 | 17.0 | 13.8 | 14.7 | 8.8 | 8.3 | 8.5 | 9.5 | 8.6 | 9.0 |
| 23 | 21.3 | 20.7 | 20.9 | 14.9 | 14.2 | 14.6 | 9.4 | 8.4 | 8.9 | 9.4 | 8.6 | 9.0 |
| 24 | 20.8 | 20.3 | 20.6 | 15.4 | 14.6 | 15.0 | 10.1 | 9.3 | 9.7 | 9.3 | 8.3 | 8.8 |
| 25 | 20.6 | 20.0 | 20.3 | 15.3 | 14.4 | 14.7 | 10.0 | 8.8 | 9.1 | 9.3 | 8.4 | 9.0 |
| 26 | 21.0 | 20.5 | 20.7 | 15.0 | 14.2 | 14.6 | 9.1 | 8.5 | 8.8 | 8.5 | 7.7 | 8.1 |
| 27 | 21.0 | 20.6 | 20.8 | 15.7 | 14.8 | 15.2 | 9.0 | 8.4 | 8.7 | 7.7 | 7.4 | 7.5 |
| 28 | 20.9 | 20.3 | 20.6 | --- | --- | --- | 9.1 | 8.6 | 8.9 | 7.7 | 7.1 | 7.5 |
| 29 | 20.4 | 19.9 | 20.2 | --- | --- | --- | 9.2 | 8.8 | 9.0 | 7.7 | 7.0 | 7.4 |
| 30 | 20.4 | 19.7 | 20.0 | --- | --- | --- | 9.9 | 9.2 | 9.5 | 7.4 | 7.1 | 7.3 |
| 31 | 20.2 | 19.6 | 19.9 | --- | --- | --- | 9.6 | 9.2 | 9.5 | 7.5 | 7.1 | 7.3 |
| MONTH | 23.1 | 19.6 | 21.4 | --- | --- | --- | --- | --- | --- | 12.4 | 7.0 | 9.1 |
| Temperature, water, degrees Celsius |  |  |  |  |  |  |  |  |  |  |  | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 7.2 | 6.6 | 6.9 | 9.8 | 8.8 | 9.2 | 15.8 | 14.8 | 15.3 | 21.2 | 20.4 | 20.8 |
| 2 | 7.1 | 6.3 | 6.7 | 11.0 | 9.6 | 10.3 | 15.9 | 15.0 | 15.5 | 21.3 | 20.3 | 20.9 |
| 3 | 8.0 | 7.1 | 7.6 | 12.1 | 10.5 | 11.3 | 16.3 | 14.9 | 15.6 | 21.8 | 21.0 | 21.3 |
| 4 | 7.8 | 7.2 | 7.5 | 11.9 | 11.2 | 11.5 | 16.7 | 15.6 | 16.2 | 21.5 | 20.3 | 20.9 |
| 5 | 8.0 | 7.4 | 7.6 | 12.4 | 11.0 | 11.7 | 16.5 | 15.3 | 15.9 | 22.1 | 20.7 | 21.3 |
| 6 | 9.7 | 7.9 | 8.7 | 12.7 | 11.0 | 11.9 | 16.6 | 15.4 | 16.0 | 22.9 | 21.3 | 22.1 |
| 7 | 9.8 | 9.2 | 9.6 | 13.4 | 11.0 | 12.3 | 16.9 | 15.7 | 16.3 | 23.1 | 21.9 | 22.6 |
| 8 | 9.5 | 7.8 | 8.4 | 13.3 | 10.8 | 11.8 | 17.0 | 16.3 | 16.7 | 23.8 | 22.1 | 22.9 |
| 9 | 8.8 | 8.3 | 8.5 | 12.3 | 11.7 | 11.9 | 18.0 | 16.4 | 17.2 | 23.8 | 22.6 | 23.2 |
| 10 | 8.8 | 8.4 | 8.6 | 12.3 | 11.6 | 11.9 | 18.6 | 17.0 | 17.7 | 24.1 | 22.3 | 23.2 |
| 11 | 8.9 | 8.5 | 8.7 | 12.7 | 11.4 | 12.0 | 19.3 | 17.5 | 18.3 | 23.6 | 22.3 | 23.0 |
| 12 | 8.9 | 8.0 | 8.6 | 13.1 | 11.8 | 12.4 | 19.1 | 17.2 | 18.2 | 23.4 | 22.2 | 22.7 |
| 13 | 8.7 | 7.9 | 8.3 | 13.4 | 12.4 | 12.9 | 18.4 | 17.0 | 17.5 | 23.7 | 22.5 | 23.1 |
| 14 | 8.6 | 8.3 | 8.5 | 13.7 | 12.7 | 13.2 | 17.2 | 15.9 | 16.6 | 23.3 | 22.5 | 22.9 |
| 15 | 8.6 | 8.3 | 8.5 | 14.6 | 13.2 | 13.8 | 16.9 | 15.9 | 16.4 | 24.1 | 22.5 | 23.1 |
| 16 | 9.0 | 8.2 | 8.6 | 14.8 | 13.6 | 14.2 | 18.1 | 16.5 | 17.2 | 24.3 | 23.0 | 23.6 |
| 17 | 8.7 | 7.7 | 8.3 | 14.5 | 13.2 | 13.8 | 18.8 | 17.3 | 18.0 | 24.4 | 23.0 | 23.8 |
| 18 | 8.4 | 7.4 | 7.8 | 14.8 | 13.6 | 14.1 | 19.6 | 17.7 | 18.7 | 24.7 | 23.0 | 23.9 |
| 19 | 8.9 | 7.8 | 8.3 | 15.8 | 14.2 | 14.9 | 20.0 | 18.0 | 19.1 | 24.7 | 23.3 | 24.1 |
| 20 | 9.2 | 8.4 | 8.8 | 15.6 | 14.2 | 14.8 | 19.9 | 18.3 | 19.2 | 24.6 | 23.1 | 23.8 |
| 21 | 10.4 | 9.1 | 9.7 | 15.4 | 14.4 | 15.0 | 19.9 | 18.1 | 19.0 | 24.9 | 23.6 | 24.2 |
| 22 | 10.9 | 9.8 | 10.3 | 15.3 | 13.2 | 14.0 | 20.0 | 18.3 | 19.2 | 25.3 | 24.1 | 24.8 |
| 23 | 10.7 | 9.4 | 10.1 | 14.3 | 13.0 | 13.7 | 20.2 | 19.0 | 19.6 | 25.5 | 24.4 | 25.0 |
| 24 | 10.5 | 9.7 | 10.1 | 14.7 | 13.4 | 14.1 | 20.8 | 19.1 | 19.8 | 25.6 | 24.2 | 25.0 |
| 25 | 10.2 | 9.0 | 9.5 | 15.2 | 13.9 | 14.5 | 21.4 | 20.1 | 20.7 | 25.7 | 24.3 | 25.0 |
| 26 | 9.0 | 8.4 | 8.7 | 16.2 | 14.7 | 15.3 | 21.8 | 20.2 | 21.0 | 25.9 | 24.9 | 25.4 |
| 27 | 8.6 | 8.0 | 8.3 | 16.6 | 14.9 | 15.8 | 21.3 | 19.8 | 20.6 | 26.4 | 25.4 | 25.8 |
| 28 | 8.8 | 7.4 | 8.2 | 16.4 | 15.0 | 15.7 | 21.1 | 19.4 | 20.4 | 26.9 | 25.8 | 26.3 |
| 29 | 9.0 | 8.0 | 8.5 | 16.3 | 15.0 | 15.7 | 21.4 | 20.4 | 21.0 | 26.9 | 26.1 | 26.5 |
| 30 | --- | --- | --- | 15.9 | 15.1 | 15.4 | 21.6 | 20.8 | 21.1 | 27.6 | 26.6 | 27.0 |
| 31 | --- | --- | --- | 15.9 | 14.9 | 15.3 | --- | --- | --- | 27.4 | 26.3 | 26.9 |
| MONTH | 10.9 | 6.3 | 8.5 | 16.6 | 8.8 | 13.4 | 21.8 | 14.8 | 18.1 | 27.6 | 20.3 | 23.7 |

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued

| Temperature, water, degrees Celsius |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004 |  |  |  |  |  |  |  |  |
| MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 28.1 | 27.5 | 27.8 | 29.4 | 28.8 | 29.0 | 26.2 | 25.1 | 25.7 |
| 28.2 | 27.4 | 28.0 | 29.3 | 28.6 | 29.0 | 26.4 | 25.5 | 26.0 |
| 29.0 | 27.8 | 28.4 | 29.6 | 28.8 | 29.2 | 26.2 | 25.7 | 25.9 |
| 29.0 | 28.2 | 28.7 | 30.4 | 29.1 | 29.6 | 26.4 | 25.7 | 26.0 |
| 29.4 | 28.5 | 29.0 | 30.2 | 29.5 | 29.8 | 26.4 | 26.1 | 26.2 |
| 29.7 | 28.6 | 29.2 | 29.8 | 28.7 | 29.3 | 26.2 | 25.8 | 26.0 |
| 30.2 | 29.2 | 29.7 | 28.7 | 27.8 | 28.3 | 25.9 | 25.8 | 25.9 |
| 30.3 | 29.2 | 29.7 | 28.1 | 27.6 | 27.8 | 26.4 | 25.8 | 26.1 |
| 29.8 | 28.9 | 29.3 | 27.8 | 27.3 | 27.6 | 26.7 | 26.1 | 26.4 |
| 29.5 | 29.0 | 29.3 | 27.8 | 27.4 | 27.6 | 26.7 | 26.5 | 26.6 |
| 29.6 | 29.0 | 29.3 | 27.7 | 27.5 | 27.6 | 26.5 | 26.1 | 26.4 |
| 29.4 | 28.9 | 29.1 | 27.9 | 27.4 | 27.6 | 26.1 | 25.6 | 25.9 |
| 29.6 | 28.9 | 29.2 | 27.6 | 26.9 | 27.1 | 25.9 | 25.6 | 25.7 |
| 29.9 | 28.9 | 29.4 | 27.2 | 26.5 | 26.9 | 25.6 | 25.2 | 25.3 |
| 30.1 | 29.2 | 29.7 | 27.1 | 26.8 | 26.9 | 25.4 | 25.0 | 25.2 |
| 30.1 | 29.3 | 29.8 | 27.5 | 26.7 | 27.1 | 25.9 | 25.2 | 25.5 |
| 30.1 | 29.3 | 29.7 | 27.7 | 27.0 | 27.4 | 26.1 | 25.6 | 25.8 |
| 30.0 | 28.6 | 29.1 | 27.7 | 26.9 | 27.3 | 25.6 | 24.9 | 25.3 |
| 29.2 | 28.0 | 28.6 | 27.9 | 27.0 | 27.4 | 25.1 | 24.2 | 24.7 |
| 29.6 | 28.6 | 29.1 | 28.0 | 27.2 | 27.7 | 24.6 | 23.6 | 23.9 |
| 29.9 | 28.9 | 29.4 | 28.1 | 27.6 | 27.8 | 23.6 | 23.1 | 23.4 |
| 30.0 | 29.2 | 29.6 | 28.2 | 27.4 | 27.7 | 23.7 | 23.3 | 23.5 |
| 29.7 | 29.1 | 29.4 | 28.0 | 27.3 | 27.6 | 23.7 | 23.2 | 23.4 |
| 29.6 | 29.0 | 29.3 | 27.9 | 27.3 | 27.6 | 23.6 | 23.4 | 23.5 |
| 29.4 | 28.8 | 29.1 | 27.9 | 27.5 | 27.7 | 23.7 | 23.3 | 23.5 |
| 29.7 | 29.1 | 29.4 | 27.7 | 27.4 | 27.5 | 23.7 | 23.4 | 23.6 |
| 29.9 | 29.4 | 29.6 | 27.5 | 27.2 | 27.3 | 24.0 | 23.4 | 23.7 |
| 30.2 | 29.5 | 29.8 | 27.6 | 27.2 | 27.4 | 24.3 | 23.6 | 24.0 |
| 29.9 | 29.0 | 29.3 | 27.4 | 26.0 | 26.6 | 24.7 | 23.8 | 24.3 |
| 29.4 | 28.5 | 29.0 | 26.0 | 24.8 | 25.2 | 24.8 | 24.2 | 24.5 |
| 29.4 | 28.8 | 29.1 | 25.7 | 25.1 | 25.3 | --- | --- | --- |
| 30.3 | 27.4 | 29.2 | 30.4 | 24.8 | 27.7 | 26.7 | 23.1 | 25.1 |

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, SC--Continued


02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCKS CORNER, 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 | 6.6 | 4.2 | 5.6 | 7.1 | 4.8 | 6.3 | 5.9 | 4.2 | 5.1 | 5.0 | 3.6 | 4.3 |
| 2 | 6.7 | 4.4 | 5.7 | 6.9 | 5.0 | 6.2 | 6.4 | 4.8 | 5.4 | 5.1 | 3.8 | 4.5 |
| 3 | 7.0 | 4.7 | 5.9 | 7.3 | 5.4 | 6.4 | 6.3 | 4.5 | 5.6 | 5.1 | 4.2 | 4.7 |
| 4 | 6.5 | 4.2 | 5.5 | 7.2 | 5.3 | 6.4 | 6.7 | 4.8 | 5.6 | 5.9 | 4.1 | 4.9 |
| 5 | 6.3 | 4.6 | 5.5 | 7.1 | 5.4 | 6.3 | 6.0 | 3.8 | 5.1 | 6.1 | 5.1 | 5.5 |
| 6 | 6.6 | 5.1 | 5.7 | 7.0 | 4.7 | 6.0 | 5.7 | 4.0 | 4.9 | 6.1 | 5.2 | 5.6 |
| 7 | 6.6 | 4.7 | 5.6 | 6.9 | 5.2 | 5.9 | 6.2 | 4.4 | 5.4 | 5.9 | 4.9 | 5.4 |
| 8 | 6.2 | 4.6 | 5.5 | 6.0 | 4.6 | 5.3 | 6.8 | 4.7 | 5.8 | 6.2 | 5.4 | 5.8 |
| 9 | 6.0 | 4.5 | 5.2 | 5.7 | 4.1 | 5.0 | 6.0 | 4.0 | 5.2 | 6.2 | 5.2 | 5.6 |
| 10 | 5.9 | 4.3 | 5.1 | 5.6 | 4.2 | 5.0 | 6.3 | 4.5 | 5.6 | 5.7 | 4.7 | 5.3 |
| 11 | 6.4 | 4.8 | 5.6 | 5.7 | 4.1 | 5.1 | --- | --- | --- | 5.6 | 4.6 | 5.2 |
| 12 | 6.7 | 4.8 | 6.0 | 5.6 | 3.9 | 4.8 | --- | --- | --- | 5.9 | 4.4 | 5.3 |
| 13 | 6.5 | 5.0 | 5.8 | 5.3 | 3.8 | 4.7 | --- | --- | --- | 5.9 | 4.6 | 5.3 |
| 14 | 6.3 | 4.1 | 5.6 | 5.5 | 3.9 | 4.8 | --- | --- | --- | 5.7 | 4.1 | 5.1 |
| 15 | 6.6 | 5.2 | 5.9 | 5.9 | 4.1 | 5.1 | --- | --- | --- | 6.2 | 4.5 | 5.5 |
| 16 | 6.8 | 4.8 | 5.8 | 6.6 | 4.5 | 5.7 | --- | --- | --- | 6.4 | 5.2 | 5.9 |
| 17 | 6.8 | 4.5 | 6.1 | 6.4 | 4.8 | 5.8 | --- | --- | --- | 6.4 | 5.5 | 6.0 |
| 18 | 7.3 | 4.7 | 6.4 | 6.2 | 4.1 | 5.0 | --- | --- | --- | 6.1 | 5.0 | 5.7 |
| 19 | 7.4 | 5.3 | 6.5 | 5.2 | 3.8 | 4.5 | --- | --- | --- | 7.1 | 5.5 | 6.1 |
| 20 | 7.7 | 6.2 | 6.9 | 5.8 | 3.7 | 4.7 | --- | --- | --- | 7.0 | 6.2 | 6.5 |
| 21 | 7.7 | 5.6 | 7.0 | 5.8 | 4.1 | 5.0 | 6.3 | 5.1 | 5.8 | 7.9 | 6.3 | 7.1 |
| 22 | 7.5 | 4.7 | 6.0 | 5.8 | 4.1 | 5.2 | 6.0 | 5.0 | 5.6 | 7.9 | 6.7 | 7.3 |
| 23 | 6.1 | 4.3 | 5.0 | 5.7 | 4.2 | 5.1 | 6.1 | 5.0 | 5.4 | 7.7 | 6.2 | 7.1 |
| 24 | 8.0 | 4.4 | 6.1 | 5.5 | 3.9 | 4.8 | 6.4 | 4.9 | 5.8 | 7.5 | 6.5 | 7.0 |
| 25 | 8.1 | 6.6 | 7.3 | 5.8 | 3.9 | 4.8 | 6.3 | 4.8 | 5.8 | 7.4 | 6.0 | 6.9 |
| 26 | 7.8 | 6.4 | 7.1 | 5.9 | 4.5 | 5.2 | 6.1 | 4.3 | 5.7 | 7.2 | 6.4 | 6.9 |
| 27 | 7.4 | 6.3 | 6.8 | 6.0 | 4.7 | 5.3 | 6.1 | 4.4 | 5.6 | 7.0 | 5.7 | 6.5 |
| 28 | 7.8 | 6.1 | 7.0 | 5.8 | 4.3 | 5.1 | 6.7 | 5.1 | 6.0 | 6.8 | 6.0 | 6.5 |
| 29 | 7.9 | 6.1 | 7.0 | 5.3 | 3.7 | 4.5 | 6.7 | 6.0 | 6.3 | 6.6 | 5.6 | 6.1 |
| 30 | 7.6 | 5.7 | 6.9 | 5.4 | 3.8 | 4.4 | 6.6 | 4.4 | 5.2 | 6.3 | 5.4 | 5.9 |
| 31 | --- | --- | --- | 5.6 | 3.8 | 4.7 | 4.6 | 3.5 | 4.1 | --- | --- | -- |
| MONTH | 8.1 | 4.1 | 6.1 | 7.3 | 3.7 | 5.3 | --- | --- | --- | 7.9 | 3.6 | 5.8 |

