PERIOD OF RECORD.--Water years 1997 to current year.
PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (TOP): April 2004 to September 2004.
SPECIFIC CONDUCTANCE MIDDLE): April 1997 to current year.
SPECIFIC CONDUCTANCE (BOTTOM) : April 2004 to September 2004.
WATER TEMPERATURE (TOP) : April 2004 to September 2004.
WATER TEMPERATURE (MIDDLE) : April 1997 to current year.
WATER TEMPERATURE (BOTTOM) : April 2004 to September 2004.
DISSOLVED OXYGEN (TOP): April 2004 to September 2004.
DISSOLVED OXYGEN (MIDDLE): April 1997 to current year.
INSTRUMENTATION.--Water-quality multiprobe and data collection platform.
REMARKS.--Specific conductance (Top) records rated excellent except for Apr. 28 to May 5, July 6, 7, 14-21, 25-31, which are good, and Aug. 1-3, which are fair. Specific conductance (Middle) records rated excellent except for Oct. 1-3, Jan. 27 to Feb. 9, May 12-24, July 16-21, Aug. 8-12, 19-26, Sep. 5-10, which are good. Specific conductance (Bottom) records rated excellent except for June 6, 7, 11-18, Sep. 7-10, 20-24, which are good, and June 19-22, which are fair. Temperature (Top) records rated excellent. Temperature (Middle) records rated excellent. Temperature (Bottom) records rated excellent.
Dissolved oxygen (Top) records rated good except for June 10, 27-30, which are fair, June 11-18, July 1-7, which are poor. Dissolved oxygen (Top) records rated good except for June 10, 27-30, which are fair, June 11-18, July $1-7$, which are poor.
Dissolved oxygen (Middle) records rated fair except for Oct. $9-15$, Nov. 1-14, Nov. 29 to Dec. 1, May 17-21, which are poor, Jan. 9 to Apr. 2, which are good, and Oct. 17-31, Dec. 2 to Jan. 8, which are excellent. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.
EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (MIDDLE) : Maximum, 52,700 microsiemens, Nov. 15, 2001; minimum, 12,000 microsiemens, Feb. 19, 1998.
WATER TEMPERATURE (MIDDLE) : Maximum, $31.5^{\circ} \mathrm{C}$, on several days during August, 1999; minimum, $5.5^{\circ} \mathrm{C}$, Jan. 1-5, 2001.
DISSOLVED OXYGEN (MIDDLE) : Maximum, $14.0 \mathrm{mg} / \mathrm{L}, \mathrm{Jan} .2-4,2001 ; ~ m i n i m u m, 1.8 \mathrm{mg} / \mathrm{L}, \mathrm{July} 27$, Aug. 7, 2004.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (TOP): Maximum, 50,000 microsiemens, June 4, Aug. 3; minimum, 24,700 microsiemens, Sep. 11.
SPECIFIC CONDUCTANCE (MIDDLE) : Maximum, 50,600 microsiemens, July 3; minimum, 24,300 microsiemens, Aug. 31.
SPECIFIC CONDUCTANCE (BOTTOM) : Maximum, 51,900 microsiemens, July 31, Aug. 2; minimum, 24,500 microsiemens, Aug. 31, Sep. 1.
WATER TEMPERATURE (TOP) : Maximum, $30.9^{\circ} \mathrm{C}$, July 9; minimum, $17.1^{\circ} \mathrm{C}$, Apr. 10.
WATER TEMPERATURE (MIDDLE) : Maximum, $30.7^{\circ} \mathrm{C}$, July 13 ; minimum, $7.7^{\circ} \mathrm{C}$, Feb. 2.
WATER TEMPERATURE (BOTTOM) : Maximum, $30.4^{\circ} \mathrm{C}$, July 13, 16,28 ; minimum, $16.7^{\circ} \mathrm{C}$, Apr. 9.
DISSOLVED OXYGEN (TOP): Maximum, $8.4 \mathrm{mg} / \mathrm{L}, \mathrm{July} 13$; minimum, $2.3 \mathrm{mg} / \mathrm{L}, \mathrm{July} 20$.
DISSOLVED OXYGEN (MIDDLE) : Maximum, $11.2 \mathrm{mg} / \mathrm{L}, \mathrm{Jan} .14 ;$ minimum, $1.8 \mathrm{mg} / \mathrm{L}, \mathrm{July} 27$, Aug. 7.

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, 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 | -- | -- | --- | --- | --- | --- | --- | -- | --- | 40700 | 34300 | 38000 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 42500 | 34900 | 38300 |
| 3 |  |  |  |  |  |  |  |  | --- | 45300 | 33600 | 38200 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 46000 | 33600 | 39200 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 46400 | 33700 | 39000 |
| 6 | --- | -- | - | - | --- | - | --- | - | -- | 46900 | 33600 | 38800 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 46900 | 33100 | 38400 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 44500 | 33100 | 37900 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 44600 | 33100 | 37500 |
| 10 | --- | --- | --- | --- | --- | --- | 44900 | 34700 | 38400 | 44200 | 32500 | 37500 |
| 11 | --- | --- | --- | --- | --- | --- | 43600 | 33200 | 37800 | 42700 | 32900 | 37100 |
| 12 | --- | --- | --- | --- | --- | --- | 43100 | 32300 | 37600 | 41400 | 32900 | 36900 |
| 13 | --- | --- | --- | --- | --- | --- | 42000 | 30300 | 35800 | 41000 | 32300 | 36400 |
| 14 | --- | --- | --- | --- | --- | --- | 36700 | 26900 | 32100 | 41400 | 32000 | 36200 |
| 15 | --- | --- | --- | --- | --- | --- | 41200 | 26900 | 35000 | 41700 | 30500 | 35600 |
| 16 | - | --- | --- | --- | --- | --- | 41500 | 30500 | 36400 | 41900 | 30300 | 35800 |
| 17 | --- | --- | --- | --- | --- | --- | 41200 | 32800 | 36800 | 42400 | 30400 | 35900 |
| 18 | --- | --- | --- | --- | --- | --- | 42300 | 32600 | 36800 | 43100 | 31000 | 36400 |
| 19 | --- | --- | --- | --- | --- | --- | 41100 | 32200 | 36100 | 42800 | 33000 | 36500 |
| 20 | --- | --- | --- | --- | --- | --- | 42500 | 31400 | 35600 | 41000 | 32300 | 35900 |
| 21 | --- | --- | --- | --- | --- | --- | 43300 | 31600 | 36300 | 39700 | 30500 | 34700 |
| 22 | --- | --- | --- | --- | --- | --- | 42600 | 30800 | 36100 | 39200 | 28800 | 34200 |
| 23 | --- | --- | --- | --- | --- | --- | 40300 | 29500 | 34600 | 40100 | 28800 | 34200 |
| 24 | --- | --- | --- | --- | --- | --- | 39700 | 28000 | 33400 | 39400 | 30600 | 34600 |
| 25 | --- | --- | --- | --- | --- | --- | 40600 | 27200 | 32500 | 40800 | 31000 | 34500 |
| 26 | --- | --- | --- | --- | --- | --- | 40400 | 28800 | 33000 | 38900 | 32000 | 35000 |
| 27 | --- | --- | --- | --- | --- | --- | 40400 | 30700 | 33000 | 40500 | 31500 | 35600 |
| 28 | --- | --- | --- | --- | --- | --- | 38700 | 30000 | 34800 | 40000 | 32700 | 36900 |
| 29 | --- | --- | --- | --- | --- | --- | 41000 | 31200 | 36300 | 43100 | 34800 | 38600 |
| 30 | --- | --- | --- | --- | --- | --- | 42200 | 33800 | 38500 | 45200 | 36100 | 40500 |
| 31 | --- | --- | --- | --- | --- | --- |  | 迷 | , |  | --- |  |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | --- | --- | --- | --- | --- | --- | 48200 | 35100 | 40900 | --- | --- | --- |
| 2 | --- | --- | --- | --- | --- | --- | 47300 | 35200 | 40500 | --- | --- | --- |
| 3 | 49500 | 37300 | 42200 | --- | --- | --- | 50000 | 35300 | 41800 | --- | --- | --- |
| 4 | 50000 | 36800 | 41600 | --- | --- | --- | 49000 | 39200 | 43500 | --- | --- | --- |
| 5 | 49700 | 36200 | 41500 | --- | --- | --- | 47500 | 37700 | 42600 | --- | --- | --- |
| 6 | 48600 | 36400 | 41600 | 46100 | 32500 | 38700 | 47900 | 36600 | 41700 | --- | --- | --- |
| 7 | 48600 | 35100 | 40500 | --- | --- | --- | 46600 | 35000 | 41800 | --- | --- | --- |
| 8 | 46200 | 34800 | 39300 | --- | --- | - | 44400 | 35700 | 40700 | --- | --- | --- |
| 9 | 44300 | 32400 | 38900 | 43800 | 35000 | 39900 | 43500 | 34800 | 39800 | --- | --- | --- |
| 10 | 43600 | 34100 | 38600 | 45200 | 34200 | 39700 | 43100 | 32400 | 37800 | --- | --- | --- |
| 11 | 41200 | 31400 | 37000 | 45600 | 34200 | 40100 | 42800 | 33400 | 38100 | 39700 | 24700 | 32000 |
| 12 | 44800 | 31800 | 38200 | --- | --- | --- | 42800 | 35500 | 39200 | 40400 | 30300 | 35300 |
| 13 | 46100 | 33300 | 39800 | 44200 | 35000 | 40600 | 41900 | 33800 | 38100 | 41700 | 33000 | 36600 |
| 14 | 45100 | 33400 | 39000 | - | - | --- | --- | --- | --- | 41500 | 33500 | 37200 |
| 15 | 43200 | 34300 | 38700 | --- | - | - | --- | --- | --- | 40700 | 32200 | 36600 |
| 16 | 42200 | 30200 | 36800 | 47800 | 38300 | 42400 | - | --- | - | 40100 | 32700 | 36100 |
| 17 | 41400 | 29400 | 35900 | --- | --- | --- | --- | --- | --- | 40000 | 31700 | 35400 |
| 18 | 41000 | 31000 | 35700 | 45300 | 38600 | 42000 | --- | --- | --- | 39200 | 29200 | 33500 |
| 19 | 44000 | 31600 | 36600 | 45500 | 37300 | 41200 | --- | --- | - | 39800 | 28100 | 33800 |
| 20 | 45300 | 32600 | 38200 | 44100 | 36000 | 39600 | --- | - | --- | 41600 | 30000 | 35400 |
| 21 | 44700 | 35800 | 39600 | 43900 | 33500 | 38800 | --- | --- | --- | -- | -- | --- |
| 22 | 41700 | 35600 | 38700 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | 40600 | 32100 | 36400 | 43100 | 35600 | 39900 | --- | -- | -- | -- | --- | --- |
| 24 | 41000 | 31600 | 35500 | 43600 | 34800 | 39300 | --- | --- | --- | --- | - | --- |
| 25 | 41300 | 33200 | 37400 | 44300 | 32500 | 38300 | --- | --- | - | 40500 | 31600 | 36000 |
| 26 | 42100 | 34000 | 37700 | 44700 | 33200 | 38700 | --- | -- | -- | 40400 | 32400 | 36300 |
| 27 | 44700 | 35100 | 40100 | 45500 | 33900 | 39400 | 46000 | 34600 | 39700 | 40300 | 32100 | 36100 |
| 28 | 44900 | 36500 | 39900 | 46000 | 34800 | 39800 | 47400 | 35400 | 40500 | 36500 | 30000 | 33500 |
| 29 | 46800 | 36200 | 40400 | 46000 | 35500 | 39600 | 41700 | 29400 | 36600 | 39700 | 27600 | 33000 |
| 30 | 49300 | 37400 | 41800 | 46600 | 33100 | 39700 | --- | --- | --- | 41600 | 28100 | 34100 |
| 31 | --- | --- | --- | 48200 | 34100 | 40400 | --- | --- | --- | --- | --- | --- |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | OCTOBER |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 44400 | 33000 | 38600 | 44000 | 31400 | 38200 | 41100 | 30600 | 36700 | 41700 | 30300 | 36800 |
| 2 | 43300 | 32400 | 38200 | 43500 | 32600 | 38700 | 40600 | 30700 | 37100 | 42000 | 30700 | 37300 |
| 3 | 44400 | 33000 | 38700 | 43300 | 35000 | 39300 | 43300 | 33400 | 39400 | 41700 | 30700 | 37900 |
| 4 | 43300 | 34800 | 39000 | 43100 | 35600 | 38900 | 43300 | 35000 | 39900 | 41400 | 32900 | 38200 |
| 5 | 43000 | 32400 | 38000 | 42200 | 34700 | 38300 | 44700 | 36000 | 40400 | 42200 | 34100 | 38400 |
| 6 | 43000 | 33800 | 38200 | 42400 | 33800 | 38000 | 43000 | 37000 | 40200 | 43700 | 35000 | 39200 |
| 7 | 43300 | 34400 | 38400 | 41900 | 33400 | 37600 | 44800 | 36600 | 40900 | --- | --- | --- |
| 8 | 43400 | 34200 | 38500 | 44100 | 31800 | 38600 | 44700 | 36800 | 40800 | 46000 | 35900 | 41400 |
| 9 | 44100 | 33500 | 38900 | 44700 | 34100 | 39200 | 45100 | 37200 | 40800 | --- | --- | - |
| 10 | 44100 | 34800 | 39200 | 44500 | 34900 | 39500 | 45100 | 36500 | 40700 | --- | --- | --- |
| 11 | 43800 | 34700 | 39200 | 43600 | 33700 | 38800 | 41900 | 34800 | 38400 | --- | --- | --- |
| 12 | 43800 | 34800 | 39200 | 42000 | 32400 | 38100 | 43700 | 32600 | 39200 | 43900 | 35500 | 40200 |
| 13 | 43100 | 34200 | 39000 | 39100 | 30400 | 35400 | 44200 | 32700 | 39900 | 43900 | 32800 | 39300 |
| 14 | 43600 | 34600 | 38900 | 44400 | 29600 | 37100 | 45300 | 35300 | 40000 | 44100 | 33900 | 40400 |
| 15 | 41000 | 32600 | 37100 | 44800 | 31500 | 38000 | 42400 | 35300 | 39200 | 42900 | 34900 | 39500 |
| 16 | 42800 | 30200 | 37000 | 43600 | 32600 | 38200 | 42100 | 33300 | 38700 | 44900 | 35100 | 40600 |
| 17 | 42400 | 29000 | 37000 | 43200 | 32200 | 38300 | 43900 | 33000 | 37500 | 44600 | 36900 | 40800 |
| 18 | 42800 | 30300 | 37000 | 43600 | 34600 | 40000 | 41700 | 35100 | 38900 | 45800 | 36200 | 40700 |
| 19 | 43500 | 33900 | 39100 | 43400 | 36600 | 40100 | 41600 | 34800 | 38400 | 45600 | 36200 | 40700 |
| 20 | 42300 | 33900 | 39500 | 43900 | 36700 | 40100 | --- | --- |  | 47800 | 36300 | 41400 |
| 21 | 43000 | 36000 | 39900 | 45500 | 37500 | 41200 | 46100 | 34600 | 40000 | 47900 | 37100 | 41600 |
| 22 | 44500 | 36700 | 39800 | 47100 | 37100 | 41200 | 46300 | 35400 | 40000 | 48000 | 36500 | 40900 |
| 23 | 45300 | 37100 | 41300 | 47200 | 36800 | 41200 | 47700 | 34900 | 40500 | 44700 | 34100 | 39400 |
| 24 | 46200 | 37400 | 41600 | 48500 | 36200 | 41000 | 47000 | 35500 | 40100 | 43700 | 33900 | 38600 |
| 25 | 47300 | 37100 | 41600 | 47600 | 35100 | 40500 | 45500 | 33200 | 38900 | 46200 | 32900 | 39700 |
| 26 | 47700 | 36800 | 41300 | 44700 | 28000 | 37300 | 45000 | 32800 | 38700 | 45100 | 34500 | 39700 |
| 27 | 47400 | 35400 | 40800 | 46400 | 32600 | 38600 | 44500 | 32800 | 38400 | 43200 | 32400 | 38600 |
| 28 | 47200 | 34800 | 40500 | 45300 | 32100 | 38300 | 42600 | 30700 | 37600 | 42600 | 28600 | 34800 |
| 29 | 44200 | 34500 | 39100 | 41400 | 27000 | 35200 | 41800 | 30000 | 37200 | 40200 | 27400 | 33300 |
| 30 | 44700 | 31300 | 38400 | 42200 | 30100 | 37500 | 40900 | 29700 | 36000 | 40800 | 29200 | 33500 |
| 31 | 44200 | 29400 | 37900 | --- | --- | --- | 41600 | 31500 | 37200 | 42300 | 30800 | 36400 |
| MONTH | 47700 | 29000 | 39100 | 48500 | 27000 | 38700 | --- | --- | --- | --- | --- | --- |


| DAY | Specif MAX | cond MTN | ance, MEAN | $\begin{aligned} & r, \text { un } \\ & \text { MAX } \end{aligned}$ | $\begin{array}{r} \text { tered } \\ \text { MIN } \end{array}$ | $\begin{gathered} \text { icros } \\ \text { MEAN } \end{gathered}$ | ns per <br> MAX | time MIN | at 25 <br> MEAN | rees MAX | sius MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 43200 | 33300 | 38800 | 39200 | 26600 | 32200 | 42000 | 36300 | 39500 | 41400 | 34800 | 37900 |
| 2 | 44000 | 34400 | 40700 | 39200 | 29100 | 33200 | 41800 | 35500 | 39200 | 41900 | 34300 | 37400 |
| 3 | 43300 | 38000 | 40300 | 41300 | 29400 | 36200 | 42800 | 34400 | 39000 | 42800 | 32500 | 36800 |
| 4 | 42100 | 36700 | 39700 | 40600 | 32100 | 37300 | 41900 | 31600 | 36600 | 44200 | 32500 | 37300 |
| 5 | 43900 | 35200 | 40100 | 41700 | 34600 | 37900 | 45000 | 36200 | 40200 | 46400 | 33200 | 38400 |
| 6 | 44700 | 37000 | 39800 | 41600 | 34400 | 37300 | 46100 | 34900 | 39400 | 47200 | 33800 | 38800 |
| 7 | 40500 | 34500 | 37700 | 42800 | 32800 | 37400 | 46200 | 35400 | 39700 | 46400 | 34200 | 38600 |
| 8 | 41600 | 31400 | 37000 | 43500 | 32600 | 37300 | 45800 | 35700 | 39300 | 45900 | 32800 | 38000 |
| 9 | 42400 | 32500 | 37500 | 43800 | 34000 | 38800 | 45700 | 34600 | 39600 | 45500 | 33300 | 37700 |
| 10 | 41400 | 33200 | 37200 | 43300 | 33200 | 38500 | 45000 | 35000 | 39400 | 44500 | 33800 | 37700 |
| 11 | 40200 | 31400 | 36700 | 43800 | 34600 | 38600 | 44100 | 34900 | 38600 | 43400 | 33000 | 37300 |
| 12 | 41900 | 30300 | 37100 | 44300 | 32600 | 38200 | 43600 | 33300 | 38400 | 41600 | 33300 | 37000 |
| 13 | 40900 | 30800 | 37000 | 42800 | 33400 | 38200 | 42200 | 30300 | 36700 | 41200 | 32600 | 36400 |
| 14 | 40900 | 30700 | 36600 | 43600 | 32600 | 38300 | 38400 | 27300 | 33300 | 41100 | 32200 | 36100 |
| 15 | 42100 | 31000 | 37100 | 42500 | 33400 | 38100 | 42100 | 27300 | 37000 | 41800 | 31900 | 35700 |
| 16 | 42300 | 31300 | 36600 | 43600 | 35200 | 38800 | 42400 | 32100 | 37900 | 41900 | 31600 | 35600 |
| 17 | 43000 | 30300 | 36700 | 43600 | 35200 | 39200 | 41700 | 34500 | 37600 | 41300 | 31600 | 35500 |
| 18 | 41700 | 30300 | 35700 | 44800 | 35900 | 39900 | 42700 | 33500 | 37400 | 41500 | 31400 | 35500 |
| 19 | 41500 | 30600 | 35300 | 44400 | 36000 | 39600 | 42900 | 32600 | 37100 | 41000 | 31800 | 35600 |
| 20 | 42500 | 29700 | 34900 | 45900 | 35400 | 40300 | 42500 | 32300 | 37100 | 39400 | 31500 | 35000 |
| 21 | 39800 | 29200 | 33800 | 43000 | 34400 | 38800 | 43000 | 33000 | 37400 | 39100 | 30200 | 34200 |
| 22 | 42100 | 28300 | 35000 | 44300 | 33900 | 38800 | 42100 | 31900 | 37000 | 39500 | 28500 | 33700 |
| 23 | 41600 | 29800 | 35300 | 42600 | 33300 | 38600 | 41400 | 29900 | 35600 | 39300 | 30600 | 34100 |
| 24 | 41600 | 31800 | 36400 | 42600 | 30700 | 37700 | 41700 | 28300 | 34700 | 44000 | 31400 | 36300 |
| 25 | 41300 | 31100 | 36700 | 41000 | 30200 | 36800 | 41300 | 29800 | 35200 | 45000 | 34600 | 39900 |
| 26 | 43400 | 31200 | 36700 | 41800 | 29500 | 36100 | 41700 | 29700 | 35100 | 45700 | 34900 | 39800 |
| 27 | 39100 | 28800 | 34500 | 41300 | 29400 | 35400 | 41500 | 30500 | 35500 | 45100 | 35400 | 40400 |
| 28 | 39100 | 28800 | 33700 | 42000 | 30200 | 36400 | 43800 | 31900 | 37000 | 44900 | 35800 | 40800 |
| 29 | 39000 | 27100 | 32800 | 43300 | 33300 | 38500 | 41800 | 33400 | 37600 | 47200 | 36700 | 41500 |
| 30 | --- | --- | --- | 44200 | 36400 | 39900 | 42600 | 35600 | 38700 | 47500 | 38800 | 42500 |
| 31 | --- | --- | --- | 44700 | 36600 | 40200 | --- | --- | --- | --- | --- | --- |
| MONTH | 44700 | 27100 | 36800 | 45900 | 26600 | 37800 | 46200 | 27300 | 37600 | --- | --- | --- |

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, 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 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |
| 1 | --- | -- | --- | 46600 | 37200 | 42000 | 48400 | 37700 | 42200 | 40200 | 24600 | 31200 |
| 2 | --- | --- | --- | --- | --- | --- | 50000 | 38800 | 43000 | 41500 | 25700 | 32900 |
| 3 | 48900 | 36700 | 41500 | 50600 | --- | --- | 49300 | 38600 | 43100 | 40800 | 27400 | 33700 |
| 4 | 48600 | 36000 | 40900 |  | --- | --- | 48900 | 38200 | 42600 | 42100 | 28300 | 34200 |
| 5 | --- | --- | --- | --- | --- | --- | 47900 | 38000 | 42200 | 40400 | 30400 | 35600 |
| 6 | --- | --- | --- | 48400 | 35700 | 40700 | 46800 | 38000 | 41800 | 39600 | 31200 | 35100 |
| 7 | 47500 | 36500 | 41300 | --- | --- | --- | 45900 | 38400 | 41900 | 37200 | 29400 | 32700 |
| 8 | 47900 | 37200 | 41200 | --- | --- | --- | 44400 | 38300 | 41000 | --- | --- | - |
| 9 | 46800 | 36500 | 40900 | 46200 | 37400 | 41100 | 44700 | 37200 | 40600 | --- | --- | --- |
| 10 | 46000 | 36800 | 40800 | 46200 | 37100 | 41600 | 44700 | 37200 | 40800 | --- | --- | --- |
| 11 | 45800 | 36300 | 40300 | 46900 | 37600 | 41900 | 44300 | 36700 | 40300 | 43200 | 32800 | 37300 |
| 12 | 47000 | 35600 | 40900 | --- | --- | --- | 45700 | 36000 | 41200 | 44500 | 33400 | 38400 |
| 13 | 47200 | 38600 | 41900 | 47100 | 37400 | 41900 | 44200 | 37100 | 40800 | 43800 | 35200 | 38700 |
| 14 | 46200 | 37000 | 40800 | - | - | - | - | --- | - | 43600 | 35100 | 38400 |
| 15 | 45000 | 36400 | 40200 | 47200 | 38400 | 42700 | --- | --- | --- | 43300 | 34300 | 37900 |
| 16 | 44000 | 34500 | 38800 | 48700 | 39000 | 42900 | --- | --- | --- | 43100 | 34300 | 37700 |
| 17 | 44000 | 33800 | 38300 | --- | --- | --- | --- | --- | --- | 42000 | 32600 | 36300 |
| 18 | 44600 | 33600 | 38300 | 46600 | 38300 | 41700 | --- | --- | --- | 41700 | 30600 | 35200 |
| 19 | 46000 | 35400 | 39400 | 46700 | 38600 | 41700 | --- | --- | --- | 43400 | 31200 | 36500 |
| 20 | 47900 | 37300 | 40900 | 46300 | 37800 | 41100 | 41300 | 33300 | 36400 | 44800 | 34100 | 38600 |
| 21 | 46500 | 38300 | 41400 | 46700 | 37800 | 41400 | 40900 | 32200 | 35800 | 44300 | 34700 | 38600 |
| 22 | 45800 | 37200 | 40800 | --- | 促 | --- | 42200 | 31900 | 36100 | 42500 | 35400 | 38000 |
| 23 | 45000 | 35300 | 39700 | 45700 | 38100 | 41200 | 43200 | 33100 | 37400 | 40900 | 33500 | 36100 |
| 24 | 44000 | 35500 | 39900 | 45100 | 37900 | 40800 | 43600 | 34000 | 38000 | 42200 | 30500 | 36700 |
| 25 | 44700 | 35700 | 40200 | 45300 | 37300 | 40700 | 43700 | 34000 | 37900 | 42500 | 33600 | 37400 |
| 26 | 43900 | 36000 | 40400 | 46200 | 37500 | 40900 | 46800 | 35300 | 39200 | 42000 | 33800 | 37500 |
| 27 | 46600 | 37900 | 41400 | 46900 | 37000 | 41100 | 47400 | 35700 | 40700 | 41500 | 33300 | 37000 |
| 28 | 45200 | 37500 | 40900 | 48100 | 37200 | 41100 | 48000 | 36500 | 41300 | 38700 | 30300 | 34200 |
| 29 | 48400 | 37700 | 41700 | 48100 | 36400 | 40900 | 43200 | 29600 | 36400 | 42000 | 28600 | 34600 |
| 30 | 49900 | 38200 | 42600 | 49200 | 36800 | 41800 | 40800 | 25900 | 32600 | 44000 | 30100 | 35800 |
| 31 | --- | --- | --- | 50300 | 37400 | 42600 | 40700 | 24300 | 31400 | -- | - | - |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | -- | -- | --- | --- | --- | --- | --- | --- | --- | 44800 | 36100 | 39400 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 46400 | 35100 | 38900 |
| 3 | -- | - | - | - | -- | --- | --- | - | --- | 46500 | 34400 | 39100 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 47700 | 35300 | 40500 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 47200 | 36100 | 40200 |
| 6 | --- | - | - | --- | - | - | --- | -- | -- | 49100 | 35300 | 40000 |
| 7 | --- | --- | - | --- | --- | --- | --- | --- | --- | 48100 | 35000 | 40100 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 47800 | 35100 | 39600 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 47500 | 35800 | 39600 |
| 10 | --- | --- | --- | --- | --- | --- | 47300 | 37900 | 41100 | 46600 | 36000 | 39800 |
| 11 | --- | --- | --- | --- | --- | --- | 46200 | 36600 | 40100 | 45600 | 35500 | 39900 |
| 12 | --- | --- | --- | --- | --- | --- | 45100 | 36400 | 40500 | 45400 | 35400 | 39500 |
| 13 | --- | --- | --- | --- | --- | --- | 45500 | 35200 | 39400 | 44600 | 35900 | 39100 |
| 14 | --- | --- | --- | --- | --- | --- | 42900 | 33900 | 38000 | 44300 | 34600 | 39100 |
| 15 | --- | --- | --- | --- | --- | --- | 43800 | 34900 | 39100 | 44800 | 34500 | 38800 |
| 16 | --- | --- | --- | --- | --- | --- | 44600 | 36000 | 39600 | 45100 | 34500 | 39000 |
| 17 | --- | --- | --- | --- | --- | --- | 43800 | 35800 | 38600 | 45200 | 34300 | 38900 |
| 18 | --- | --- | --- | --- | --- | --- | 44700 | 35100 | 38700 | 44700 | 34600 | 38800 |
| 19 | --- | --- | --- | --- | --- | --- | 45000 | 34900 | 38700 | 45400 | 35600 | 39000 |
| 20 | --- | --- | --- | --- | --- | --- | 44800 | 34700 | 38900 | 44100 | 35200 | 38900 |
| 21 | --- | --- | --- | --- | --- | --- | 45500 | 36100 | 40000 | 44800 | 35200 | 39000 |
| 22 | --- | --- | --- | --- | --- | --- | 45300 | 36000 | 39600 | 45300 | 35800 | 39400 |
| 23 | --- | --- | --- | --- | --- | --- | 44500 | 36000 | 40400 | 45400 | 36500 | 40300 |
| 24 | --- | --- | --- | --- | --- | --- | 44900 | 36600 | 40700 | 45800 | 37500 | 41400 |
| 25 | --- | --- | --- | --- | --- | --- | 44900 | 39100 | 41700 | 45500 | 37700 | 41800 |
| 26 | --- | --- | --- | --- | --- | --- | 45600 | 39800 | 42700 | 45700 | 38600 | 42700 |
| 27 | --- | --- | --- | --- | --- | --- | 45800 | 40400 | 43600 | 46400 | 38100 | 42900 |
| 28 | --- | --- | --- | --- | --- | --- | 47200 | 42000 | 45200 | 46300 | 39000 | 42900 |
| 29 | --- | --- | --- | --- | --- | --- | 46200 | 40200 | 43300 | 46600 | 39100 | 42200 |
| 30 | --- | --- | --- | --- | --- | --- | 45300 | 37600 | 41400 | 46900 | 38600 | 42100 |
| 31 | --- | --- | --- | --- | --- | --- | - | --- | --- | --- | --- | --- |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | --- | --- | --- | --- | --- | --- | 51700 | 38500 | 43500 | 42400 | 24500 | 31700 |
| 2 | --- | --- | --- | --- | --- | --- | 51900 | 38800 | 43800 | 42700 | 28100 | 34700 |
| 3 | 50700 | 37900 | 42800 | --- | --- | --- | 50200 | 39300 | 43500 | 42700 | 29000 | 35200 |
| 4 | 50600 | 37400 | 42400 | --- | --- | --- | 49100 | 38700 | 42700 | 42200 | 31700 | 35800 |
| 5 | 50400 | 36900 | 42200 | --- | --- | --- | 47600 | 38300 | 42400 | 42200 | 33200 | 36900 |
| 6 | 49800 | 37200 | 42500 | --- | --- | --- | 46500 | 37600 | 41800 | 40400 | 32100 | 36500 |
| 7 | 49700 | 37700 | 42400 | --- | --- | --- | 46400 | 38800 | 42300 | 37500 | 29500 | 34300 |
| 8 | 49400 | 38400 | 42900 | -- | - | - | 45400 | 39200 | 41600 | --- | --- | --- |
| 9 | 48500 | 38900 | 42900 | 48100 | 39200 | 43000 | 46200 | 38700 | 42200 | --- | --- | --- |
| 10 | 48000 | 38500 | 43000 | 48800 | 38300 | 43500 | 46300 | 39300 | 42900 | --- | --- | --- |
| 11 | 48300 | 37900 | 43000 | 49100 | 39500 | 43700 | 46000 | 39000 | 43100 | 43300 | 32300 | 38300 |
| 12 | 49600 | 38000 | 44000 | --- | --- | --- | 46000 | 39400 | 42800 | 44100 | 34700 | 38600 |
| 13 | 50700 | 40900 | 44900 | 48600 | 39300 | 43900 | 44700 | 37800 | 41800 | 44400 | 35300 | 38500 |
| 14 | 49300 | 39200 | 43700 | - | - | - | - | --- | --- | 43400 | 35500 | 38700 |
| 15 | 47800 | 39300 | 43000 | --- | --- | --- | --- | -- | -- | 42500 | 34700 | 37900 |
| 16 | 48000 | 36700 | 42200 | 50400 | 40500 | 44700 | --- | --- | --- | 42500 | 33300 | 37300 |
| 17 | 48100 | 37600 | 42000 | --- | --- | --- | --- | --- | --- | 41500 | 33200 | 36300 |
| 18 | 48000 | 38400 | 42400 | 48300 | 40400 | 43600 | --- | --- | --- | 41100 | 31600 | 35000 |
| 19 | 49300 | 38400 | 43500 | 49000 | 40200 | 43700 | --- | --- | --- | 43000 | 30900 | 36300 |
| 20 | 50400 | 40100 | 44100 | 48900 | 40000 | 43300 | 42500 | 34100 | 37400 | 44700 | 34400 | 38300 |
| 21 | 49400 | 41200 | 44500 | 49500 | 39300 | 44000 | 42300 | 33000 | 37300 | 44000 | 35000 | 38700 |
| 22 | 48900 | 37700 | 42600 | --- | --- | --- | 44000 | 33300 | 37800 | 41800 | 34800 | 37700 |
| 23 | 45400 | 37100 | 41300 | 48800 | 40000 | 43700 | 45100 | 34100 | 38800 | 41400 | 33200 | 36500 |
| 24 | 44100 | 37600 | 41200 | 47800 | 40300 | 43200 | 45200 | 35700 | 39200 | 41600 | 33200 | 36700 |
| 25 | --- | --- | --- | 48600 | 39500 | 43000 | 45000 | 35400 | 39200 | 41800 | 33700 | 37000 |
| 26 | -- | --- | --- | 48400 | 39100 | 43100 | 46900 | 36000 | 40100 | 41400 | 33800 | 37200 |
| 27 | --- | --- | --- | 48400 | 38200 | 42500 | 47100 | 35400 | 39800 | 40900 | 33100 | 36800 |
| 28 | --- | --- | --- | 48500 | 37700 | 41700 | 47500 | 31900 | 38800 | 38500 | 30400 | 33700 |
| 29 | -- | --- | --- | 49200 | 36600 | 41500 | 41600 | 26500 | 33500 | 42200 | 28400 | 34300 |
| 30 | --- | --- | --- | 50800 | 37400 | 42300 | 42000 | 25300 | 32200 | 43900 | 29500 | 36000 |
| 31 | --- | --- | --- | 51900 | 38000 | 43100 | 41700 | 24500 | 32100 | - | - | . |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, 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 |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | - | --- | --- | --- | --- | --- | --- | --- | --- | 21.7 | 21.4 | 21.5 |
| 2 |  |  |  | --- | --- | --- | --- | --- | --- | 22.2 | 21.3 | 21.7 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22.3 | 21.6 | 21.9 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21.9 | 21.0 | 21.4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21.9 | 20.9 | 21.3 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22.2 | 21.1 | 21.6 |
| 7 | - | --- | --- | --- | --- | --- | --- | --- | --- | 22.7 | 21.6 | 22.1 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23.2 | 22.3 | 22.6 |
| 9 | --- | --- |  | --- | --- | --- | --- | --- | --- | 23.6 | 22.6 | 23.1 |
| 10 | --- | --- | --- | --- | --- | --- | 18.2 | 17.1 | 17.6 | 24.0 | 22.9 | 23.3 |
| 11 | --- | --- | --- | --- | --- | --- | 19.0 | 17.7 | 18.3 | 24.1 | 23.3 | 23.6 |
| 12 | --- | --- |  | --- | --- | --- | 19.2 | 18.4 | 18.7 | 24.8 | 23.6 | 24.0 |
| 13 | --- | --- | --- | --- | --- | --- | 19.7 | 18.7 | 19.1 | 25.1 | 23.9 | 24.3 |
| 14 | --- | --- | --- | --- | --- | --- | 18.8 | 18.2 | 18.5 | 25.4 | 24.2 | 24.6 |
| 15 | --- | --- | --- | --- | --- | --- | 18.7 | 17.4 | 18.2 | 25.6 | 24.3 | 24.9 |
| 16 | --- | --- | --- | --- | --- | --- | 18.9 | 17.7 | 18.3 | 25.8 | 24.6 | 25.1 |
| 17 | - | --- | --- | --- | --- | --- | 19.2 | 18.0 | 18.6 | 25.9 | 25.0 | 25.4 |
| 18 | - | --- | --- | --- | --- | --- | 19.6 | 18.5 | 19.0 | 26.1 | 25.2 | 25.6 |
| 19 | --- | --- | --- | --- | --- | --- | 20.3 | 19.0 | 19.4 | 26.3 | 25.4 | 25.7 |
| 20 | --- | --- | --- | --- | --- | --- | 20.5 | 19.3 | 19.7 | 26.6 | 25.4 | 25.9 |
| 21 | - | --- | --- | --- | --- | --- | 20.9 | 19.6 | 20.1 | 26.9 | 25.6 | 26.1 |
| 22 | --- | --- | --- | --- | --- | --- | 21.2 | 20.0 | 20.5 | 26.8 | 25.8 | 26.2 |
| 23 | --- | --- | --- | --- | --- | --- | 21.8 | 20.4 | 21.0 | 26.8 | 25.9 | 26.3 |
| 24 | - | --- | --- | --- | --- | --- | 22.4 | 20.9 | 21.5 | 27.0 | 25.9 | 26.4 |
| 25 | -- | --- | --- | --- | --- | --- | 22.9 | 21.3 | 21.9 | 27.6 | 26.0 | 26.6 |
| 26 | --- | --- | --- | --- | --- | --- | 22.9 | 21.8 | 22.2 | 27.3 | 26.2 | 26.6 |
| 27 | --- | --- | --- | --- | --- | --- | 22.6 | 21.6 | 22.0 | 27.5 | 26.2 | 26.6 |
| 28 | - | --- | --- | --- | --- | --- | 22.0 | 20.8 | 21.4 | 27.3 | 26.3 | 26.7 |
| 29 | --- | --- | --- | --- | --- | --- | 22.2 | 20.4 | 21.3 | 27.3 | 26.3 | 26.7 |
| 30 | --- | --- | --- | --- | --- | --- | 22.2 | 21.1 | 21.5 | 27.3 | 26.4 | 26.9 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | - |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | --- | --- | --- | --- | --- | --- | 29.9 | 29.3 | 29.6 | --- | --- | --- |
| 2 | --- | --- | --- | --- | --- | --- | 29.8 | 29.1 | 29.5 | --- | --- | --- |
| 3 | 27.7 | 27.1 | 27.3 | --- | --- | --- | 29.6 | 29.1 | 29.3 | --- | --- | --- |
| 4 | 27.4 | 26.8 | 27.1 | --- | --- | --- | 30.3 | 29.2 | 29.6 | --- | --- | --- |
| 5 | 27.3 | 26.7 | 27.0 | --- | --- | --- | 30.3 | 29.5 | 29.8 | --- | --- | --- |
| 6 | 27.5 | 26.9 | 27.1 | 30.2 | 29.2 | 29.6 | 29.9 | 29.2 | 29.6 | --- | --- | --- |
| 7 | 27.9 | 27.1 | 27.4 | --- | --- | --- | 29.2 | 28.4 | 28.9 | --- | --- | --- |
| 8 | 28.4 | 27.4 | 27.8 | --- | --- | --- | 28.9 | 27.9 | 28.5 | --- | --- | --- |
| 9 | 28.4 | 27.7 | 27.9 | 30.9 | 29.7 | 30.1 | 28.6 | 28.0 | 28.4 | --- | --- | --- |
| 10 | 29.0 | 27.7 | 28.2 | 30.7 | 29.4 | 30.1 | 28.8 | 27.8 | 28.3 | --- | --- | --- |
| 11 | 29.4 | 28.0 | 28.4 | 30.6 | 29.6 | 30.1 | 28.7 | 27.9 | 28.2 | 27.1 | 26.6 | 26.9 |
| 12 | 29.1 | 28.1 | 28.5 | , | --- | . | 28.4 | 27.8 | 28.1 | 26.9 | 26.2 | 26.6 |
| 13 | 28.6 | 27.9 | 28.3 | 30.8 | 29.5 | 30.1 | 28.0 | 27.3 | 27.7 | 26.6 | 26.0 | 26.3 |
| 14 | 28.2 | 27.6 | 27.9 | --- | - | --- | --- | --- | --- | 26.2 | 25.7 | 26.0 |
| 15 | 28.0 | 27.4 | 27.8 | --- | --- | --- | --- | --- | --- | 26.0 | 25.5 | 25.8 |
| 16 | 27.9 | 27.5 | 27.7 | 30.7 | 29.3 | 30.0 | --- | --- | --- | 26.4 | 25.6 | 26.0 |
| 17 | 27.9 | 27.4 | 27.6 | --- | --- | --- | --- | -- | --- | 26.5 | 26.0 | 26.2 |
| 18 | 28.8 | 27.4 | 27.9 | 29.9 | 29.0 | 29.6 | --- | -- | --- | 26.6 | 25.5 | 26.2 |
| 19 | 28.9 | 27.7 | 28.2 | 29.9 | 29.2 | 29.5 | - | - | --- | 26.1 | 25.1 | 25.7 |
| 20 | 28.8 | 28.1 | 28.4 | 29.9 | 29.1 | 29.5 | --- | --- | --- | 25.2 | 24.3 | 24.8 |
| 21 | 28.5 | 28.1 | 28.3 | 30.0 | 29.2 | 29.6 | --- | --- | --- | --- | -- | --- |
| 22 | 29.1 | 28.2 | 28.6 | -- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | 29.3 | 28.4 | 28.7 | 30.1 | 29.3 | 29.7 | --- | --- | --- | --- | --- | --- |
| 24 | 29.3 | 28.2 | 28.7 | 30.6 | 29.4 | 29.8 | --- | - | --- | --- | --- | --- |
| 25 | 29.8 | 28.5 | 28.9 | 30.6 | 29.2 | 29.7 | --- | --- | --- | 24.3 | 23.7 | 24.0 |
| 26 | 29.2 | 28.6 | 28.9 | 30.3 | 29.4 | 29.8 | --- | -- | -- | 24.2 | 23.8 | 24.0 |
| 27 | 29.4 | 28.6 | 29.0 | 30.6 | 29.4 | 30.0 | 28.6 | 28.0 | 28.3 | 24.8 | 24.1 | 24.3 |
| 28 | 29.3 | 28.5 | 28.9 | 30.5 | 29.5 | 30.0 | 28.3 | 27.6 | 28.0 | 24.9 | 24.4 | 24.6 |
| 29 | 29.4 | 28.7 | 29.0 | 30.2 | 29.5 | 29.8 | 27.9 | 26.6 | 27.2 | 25.1 | 24.6 | 24.9 |
| 30 | 29.4 | 28.9 | 29.1 | 30.1 | 29.4 | 29.8 | --- | --- | --- | 25.3 | 24.9 | 25.0 |
| 31 | --- | --- | --- | 30.1 | 29.5 | 29.7 | --- | --- | --- | --- | --- | --- |
| MONTH | --- | --- | - | --- | --- | --- | -- | --- | -- | -- | -- | -- |

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, 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 | 24.4 | 23.3 | 24.0 | 21.3 | 20.9 | 21.1 | 16.3 | 15.5 | 15.9 | 10.9 | 10.5 | 10.7 |
| 2 | 24.0 | 23.1 | 23.6 | 21.3 | 20.9 | 21.1 | 16.0 | 15.0 | 15.4 | 11.0 | 10.6 | 10.8 |
| 3 | 23.5 | 22.3 | 22.9 | 21.3 | 21.1 | 21.2 | 15.4 | 14.5 | 14.8 | 11.5 | 10.7 | 11.0 |
| 4 | 23.0 | 22.3 | 22.6 | 21.9 | 21.2 | 21.4 | 14.7 | 13.8 | 14.2 | 12.2 | 11.1 | 11.5 |
| 5 | 23.2 | 22.4 | 22.8 | 22.2 | 21.5 | 21.8 | 14.1 | 13.2 | 13.7 | 12.7 | 11.5 | 12.0 |
| 6 | 23.4 | 22.7 | 22.9 | 22.6 | 21.8 | 22.2 | 13.7 | 12.9 | 13.3 | 12.5 | 12.0 | 12.2 |
| 7 | 23.2 | 22.7 | 23.0 | 22.8 | 22.2 | 22.4 | 13.3 | 12.6 | 12.9 | --- | --- | --- |
| 8 | 23.4 | 22.8 | 23.1 | 22.5 | 22.1 | 22.4 | 12.9 | 12.5 | 12.7 | 11.6 | 11.0 | 11.3 |
| 9 | 23.5 | 22.9 | 23.2 | 22.1 | 20.5 | 21.4 | 12.8 | 12.4 | 12.6 |  | --- | --- |
| 10 | 23.2 | 23.0 | 23.1 | 20.8 | 19.4 | 20.2 | 13.0 | 12.7 | 12.8 | --- | --- | --- |
| 11 | 23.1 | 22.9 | 23.0 | 20.0 | 19.0 | 19.7 | 12.9 | 12.4 | 12.6 | --- | --- | --- |
| 12 | 23.1 | 22.7 | 22.9 | 20.0 | 19.1 | 19.6 | 12.6 | 12.1 | 12.4 | 9.9 | 9.2 | 9.7 |
| 13 | 23.4 | 22.8 | 23.0 | 19.9 | 18.9 | 19.6 | 12.4 | 12.1 | 12.3 | 9.8 | 9.3 | 9.6 |
| 14 | 23.5 | 23.1 | 23.3 | 19.3 | 18.2 | 18.8 | 12.3 | 11.9 | 12.2 | 9.8 | 9.4 | 9.6 |
| 15 | 23.4 | 22.7 | 23.0 | 18.9 | 18.2 | 18.6 | 12.1 | 11.5 | 11.8 | 10.1 | 9.6 | 9.8 |
| 16 | 23.1 | 22.2 | 22.7 | 19.0 | 18.3 | 18.6 | 11.9 | 11.6 | 11.7 | 10.1 | 9.7 | 9.9 |
| 17 | 23.0 | 22.3 | 22.6 | 19.2 | 18.6 | 18.8 | 12.0 | 11.7 | 11.8 | 10.2 | 9.8 | 9.9 |
| 18 | 22.7 | 22.3 | 22.5 | 19.6 | 18.8 | 19.1 | 11.8 | 11.3 | 11.4 | 10.7 | 10.0 | 10.3 |
| 19 | 22.5 | 21.9 | 22.2 | 19.4 | 19.2 | 19.3 | 11.4 | 11.0 | 11.1 | 10.8 | 10.4 | 10.6 |
| 20 | 22.5 | 21.9 | 22.2 | 19.2 | 18.9 | 19.0 | --- | , | --- | 10.5 | 10.2 | 10.3 |
| 21 | 22.5 | 22.0 | 22.3 | 19.1 | 18.7 | 18.9 | 10.4 | 9.7 | 10.1 | 10.2 | 9.8 | 10.0 |
| 22 | 22.3 | 21.9 | 22.2 | 18.9 | 18.6 | 18.7 | 10.2 | 9.6 | 9.9 | 10.1 | 9.7 | 9.9 |
| 23 | 22.2 | 21.6 | 21.8 | 18.8 | 18.5 | 18.6 | 10.2 | 9.8 | 10.0 | 9.9 | 9.6 | 9.8 |
| 24 | 21.7 | 21.2 | 21.5 | 18.9 | 18.5 | 18.7 | 10.7 | 10.1 | 10.4 | 9.9 | 9.4 | 9.7 |
| 25 | 21.3 | 20.6 | 21.1 | 18.8 | 18.3 | 18.5 | 10.6 | 10.3 | 10.4 | 9.8 | 9.6 | 9.7 |
| 26 | 21.4 | 20.7 | 21.1 | 18.4 | 18.0 | 18.2 | 10.5 | 10.1 | 10.3 | 9.6 | 9.2 | 9.4 |
| 27 | 21.5 | 21.0 | 21.3 | 18.4 | 18.0 | 18.2 | 10.5 | 10.1 | 10.3 | 9.2 | 8.8 | 9.0 |
| 28 | 21.4 | 21.2 | 21.3 | 18.5 | 18.1 | 18.4 | 10.5 | 10.1 | 10.3 | 9.0 | 8.4 | 8.7 |
| 29 | 21.5 | 21.0 | 21.2 | 18.1 | 16.7 | 17.4 | 10.5 | 10.2 | 10.4 | 9.0 | 8.2 | 8.5 |
| 30 | 21.4 | 21.0 | 21.2 | 16.9 | 15.9 | 16.4 | 10.9 | 10.5 | 10.6 | 8.7 | 8.2 | 8.4 |
| 31 | 21.4 | 20.9 | 21.1 |  | --- | --- | 11.1 | 10.4 | 10.7 | 8.6 | 8.1 | 8.4 |
| MONTH | 24.4 | 20.6 | 22.4 | 22.8 | 15.9 | 19.6 | --- | --- | --- | --- | --- | --- |
| Temperature, water, degrees Celsius |  |  |  |  |  |  |  |  |  |  |  |  |
| DAY |  | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 8.5 | 8.0 | 8.3 | 10.4 | 9.2 | 9.8 | 16.4 | 15.8 | 16.2 | 21.7 | 21.3 | 21.5 |
| 2 | 8.3 | 7.7 | 8.1 | 11.4 | 9.5 | 10.4 | 16.2 | 15.6 | 16.0 | 22.2 | 21.3 | 21.7 |
| 3 | 8.6 | 8.0 | 8.4 | 11.8 | 10.1 | 10.7 | 16.4 | 15.4 | 15.9 | 22.2 | 21.6 | 21.8 |
| 4 | 8.8 | 8.2 | 8.5 | 12.0 | 10.6 | 11.2 | 16.4 | 15.7 | 16.0 | 21.8 | 20.9 | 21.4 |
| 5 | 8.9 | 8.4 | 8.6 | 12.8 | 11.2 | 11.9 | 16.3 | 15.5 | 15.9 | 21.8 | 20.7 | 21.3 |
| 6 | 9.8 | 8.8 | 9.2 | 13.3 | 12.1 | 12.7 | 16.3 | 15.6 | 16.0 | 22.2 | 21.1 | 21.5 |
| 7 | 10.2 | 9.6 | 9.9 | 13.6 | 12.7 | 13.1 | 16.7 | 15.9 | 16.2 | 22.6 | 21.6 | 22.0 |
| 8 | 10.0 | 9.4 | 9.7 | 13.4 | 12.7 | 13.1 | 16.9 | 16.3 | 16.6 | 23.1 | 22.1 | 22.6 |
| 9 | 9.8 | 9.3 | 9.6 | 13.2 | 12.4 | 12.9 | 17.5 | 16.6 | 17.0 | 23.5 | 22.5 | 23.0 |
| 10 | 9.8 | 9.4 | 9.6 | 13.0 | 12.2 | 12.7 | 18.1 | 17.1 | 17.5 | 23.8 | 22.9 | 23.3 |
| 11 | 9.9 | 9.6 | 9.7 | 13.0 | 12.2 | 12.5 | 18.8 | 17.7 | 18.1 | 23.9 | 22.9 | 23.6 |
| 12 | 9.8 | 9.5 | 9.7 | 13.1 | 12.3 | 12.7 | 19.0 | 18.4 | 18.7 | 24.3 | 23.6 | 23.9 |
| 13 | 9.9 | 9.5 | 9.6 | 13.2 | 12.6 | 12.8 | 19.5 | 18.8 | 19.0 | 24.8 | 23.9 | 24.3 |
| 14 | 9.9 | 9.6 | 9.7 | 13.8 | 12.7 | 13.0 | 18.9 | 18.2 | 18.6 | 25.2 | 24.2 | 24.6 |
| 15 | 9.9 | 9.6 | 9.7 | 14.0 | 13.1 | 13.5 | 18.5 | 17.4 | 18.1 | 25.6 | 24.4 | 24.8 |
| 16 | 10.0 | 9.6 | 9.7 | 14.3 | 13.7 | 13.9 | 18.8 | 17.7 | 18.2 | 26.0 | 24.7 | 25.1 |
| 17 | 9.7 | 9.1 | 9.4 | 14.6 | 13.9 | 14.2 | 19.1 | 18.2 | 18.5 | 26.0 | 25.0 | 25.4 |
| 18 | 9.3 | 8.6 | 9.0 | 14.8 | 13.9 | 14.3 | 19.6 | 18.6 | 18.9 | 26.2 | 25.3 | 25.6 |
| 19 | 9.5 | 8.7 | 9.1 | 15.2 | 14.4 | 14.7 | 20.1 | 19.0 | 19.3 | 26.4 | 25.4 | 25.7 |
| 20 | 9.7 | 9.1 | 9.4 | 15.4 | 14.8 | 15.0 | 20.1 | 19.3 | 19.6 | 26.5 | 25.5 | 25.8 |
| 21 | 10.3 | 9.6 | 9.9 | 15.8 | 15.1 | 15.4 | 20.5 | 19.6 | 19.9 | 26.6 | 25.6 | 26.0 |
| 22 | 10.6 | 10.0 | 10.3 | 15.5 | 14.8 | 15.1 | 21.1 | 20.0 | 20.4 | 26.7 | 25.8 | 26.2 |
| 23 | 10.8 | 10.3 | 10.5 | 15.0 | 14.3 | 14.7 | 21.7 | 20.4 | 20.9 | 26.6 | 25.8 | 26.2 |
| 24 | 11.0 | 10.6 | 10.8 | 15.0 | 14.2 | 14.6 | 22.3 | 20.9 | 21.4 | 26.8 | 25.9 | 26.2 |
| 25 | 11.0 | 10.5 | 10.8 | 15.5 | 14.5 | 14.8 | 22.7 | 21.2 | 21.7 | 27.0 | 26.0 | 26.2 |
| 26 | 10.6 | 9.9 | 10.2 | 16.3 | 14.8 | 15.4 | 22.8 | 21.5 | 22.0 | 26.9 | 26.0 | 26.4 |
| 27 | 10.0 | 9.2 | 9.6 | 16.9 | 15.4 | 16.0 | 22.5 | 21.5 | 21.9 | 27.0 | 26.2 | 26.4 |
| 28 | 10.1 | 8.9 | 9.3 | 17.0 | 16.0 | 16.3 | 22.2 | 20.9 | 21.4 | 26.9 | 26.2 | 26.5 |
| 29 | 10.3 | 9.0 | 9.5 | 17.1 | 15.9 | 16.3 | 21.9 | 20.7 | 21.2 | 27.1 | 26.4 | 26.6 |
| 30 | --- | --- | --- | 16.8 | 16.0 | 16.3 | 22.1 | 20.9 | 21.4 | 27.5 | 26.6 | 26.9 |
| 31 | - | --- | --- | 16.9 | 16.1 | 16.4 | - | - | - | --- | --- | -- |
| MONTH | 11.0 | 7.7 | 9.5 | 17.1 | 9.2 | 13.8 | 22.8 | 15.4 | 18.8 | --- | --- | - |

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, 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 | --- | --- | -- | 29.0 | 28.6 | 28.8 | 29.8 | 29.2 | 29.6 | 27.3 | 27.0 | 27.2 |
| 2 | --- | --- | --- | --- | --- | --- | 29.7 | 29.1 | 29.4 | 27.4 | 27.0 | 27.2 |
| 3 | 27.8 | 27.1 | 27.4 | --- | --- | --- | 29.7 | 29.1 | 29.4 | 27.5 | 26.8 | 27.2 |
| 4 | 27.4 | 26.9 | 27.2 | --- | --- | --- | 30.1 | 29.3 | 29.6 | 27.5 | 26.9 | 27.2 |
| 5 | --- | --- | --- | --- | --- | --- | 30.3 | 29.6 | 29.8 | 27.3 | 27.0 | 27.2 |
| 6 | --- | --- | --- | 29.7 | 29.0 | 29.4 | 30.0 | 29.3 | 29.7 | 27.1 | 26.5 | 26.8 |
| 7 | 27.9 | 27.2 | 27.5 | --- | -- | - | 29.3 | 28.3 | 28.9 | 26.8 | 26.3 | 26.6 |
| 8 | 28.1 | 27.6 | 27.8 | --- | --- | --- | 28.8 | 27.9 | 28.5 | --- | --- | --- |
| 9 | 28.3 | 27.8 | 28.0 | 30.4 | 29.8 | 30.0 | 28.5 | 27.9 | 28.3 | --- | --- | --- |
| 10 | 28.9 | 28.0 | 28.3 | 30.6 | 29.9 | 30.1 | 28.3 | 27.8 | 28.1 | --- | --- | --- |
| 11 | 28.9 | 28.2 | 28.4 | 30.5 | 29.8 | 30.1 | 28.3 | 27.9 | 28.0 | 27.1 | 26.8 | 26.9 |
| 12 | 29.3 | 28.4 | 28.6 | --- | --- | --- | 28.4 | 27.8 | 28.1 | 26.9 | 26.5 | 26.7 |
| 13 | 28.7 | 28.2 | 28.4 | 30.7 | 29.7 | 30.0 | 28.2 | 27.7 | 27.9 | 26.7 | 25.9 | 26.4 |
| 14 | 28.3 | 27.8 | 28.1 | --- | --- | --- | --- | --- | --- | 26.2 | 25.6 | 26.0 |
| 15 | 28.1 | 27.6 | 27.9 | 30.5 | 30.0 | 30.2 | --- | --- | --- | 26.0 | 25.4 | 25.8 |
| 16 | 28.0 | 27.6 | 27.7 | 30.6 | 29.6 | 30.0 | --- | --- | --- | 26.2 | 25.4 | 25.8 |
| 17 | 28.0 | 27.5 | 27.7 | --- | --- | --- | --- | --- | --- | 26.6 | 26.0 | 26.2 |
| 18 | 28.7 | 27.4 | 27.8 | 30.0 | 29.0 | 29.7 | --- | --- | --- | 26.4 | 25.9 | 26.2 |
| 19 | 29.0 | 27.8 | 28.2 | 30.0 | 28.9 | 29.4 | --- | --- | --- | 26.1 | 25.3 | 25.8 |
| 20 | 28.8 | 28.3 | 28.4 | 29.8 | 29.1 | 29.4 | 28.9 | 28.1 | 28.4 | 25.3 | 24.1 | 24.8 |
| 21 | 28.6 | 28.3 | 28.5 | 29.9 | 29.1 | 29.4 | 28.8 | 28.3 | 28.5 | 24.4 | 23.2 | 24.0 |
| 22 | 28.9 | 28.2 | 28.5 | -- | -- | --- | 28.8 | 28.3 | 28.5 | 24.3 | 23.3 | 23.9 |
| 23 | 28.9 | 28.1 | 28.4 | 30.0 | 29.3 | 29.6 | 28.6 | 28.3 | 28.5 | 24.4 | 23.7 | 24.0 |
| 24 | 28.9 | 28.1 | 28.4 | 30.0 | 29.4 | 29.7 | 28.7 | 28.3 | 28.4 | 24.3 | 23.8 | 24.1 |
| 25 | 29.0 | 28.4 | 28.6 | 29.9 | 29.4 | 29.7 | 28.7 | 28.3 | 28.5 | 24.4 | 23.8 | 24.1 |
| 26 | 28.8 | 28.5 | 28.6 | 30.3 | 29.5 | 29.7 | 28.6 | 28.2 | 28.4 | 24.4 | 24.0 | 24.2 |
| 27 | 29.3 | 28.5 | 28.7 | 30.5 | 29.5 | 29.9 | 28.4 | 27.8 | 28.2 | 24.9 | 24.2 | 24.4 |
| 28 | 29.0 | 28.5 | 28.8 | 30.6 | 29.7 | 30.0 | 28.2 | 27.4 | 27.9 | 25.1 | 24.5 | 24.7 |
| 29 | 29.2 | 28.6 | 28.9 | 30.1 | 29.5 | 29.9 | 27.8 | 26.5 | 27.1 | 25.2 | 24.6 | 24.9 |
| 30 | 29.2 | 28.7 | 28.9 | 30.1 | 29.3 | 29.7 | 27.2 | 26.2 | 26.6 | 25.4 | 25.0 | 25.2 |
| 31 | , | , | , | 30.0 | 29.3 | 29.7 | 27.4 | 26.7 | 27.0 | --- | --- | , |
| MONTH | --- | - | - | --- | - | --- | --- | --- | --- | --- | --- | --- |

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued

| Temperature, water, degrees Celsius ER YEAR OCTOBER 2003 TO SEPTEMBER 2004 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | --- | - | --- | --- | --- | --- | --- | -- | --- | 21.5 | 21.1 | 21.3 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22.0 | 21.1 | 21.5 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22.0 | 21.4 | 21.7 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21.6 | 20.6 | 21.2 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21.8 | 20.6 | 21.2 |
| 6 | --- | - | -- | -- | - | -- | - | -- | -- | 22.0 | 20.8 | 21.4 |
| 7 | - | --- | --- | --- | --- | --- | --- | --- | --- | 22.5 | 21.5 | 21.8 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23.1 | 21.9 | 22.3 |
| 9 | --- | --- | --- | --- | --- | --- | --- | 16.7 | --- | 23.3 | 22.1 | 22.8 |
| 10 | --- | --- | --- | --- | --- | --- | 18.0 | 17.1 | 17.3 | 23.5 | 22.7 | 23.1 |
| 11 | --- | --- | --- | --- | --- | --- | 18.5 | 17.6 | 17.9 | 23.7 | 23.1 | 23.4 |
| 12 | --- | --- | --- | --- | --- | --- | 18.8 | 18.3 | 18.5 | 24.2 | 23.5 | 23.7 |
| 13 | --- | --- | --- | --- | --- | --- | 19.2 | 18.7 | 18.9 | 24.7 | 23.8 | 24.1 |
| 14 | --- | --- | --- | --- | --- | --- | 19.0 | 18.2 | 18.6 | 25.1 | 24.1 | 24.4 |
| 15 | --- | - | - | -- | --- | -- | 18.5 | 17.4 | 17.9 | 25.4 | 24.3 | 24.7 |
| 16 | --- | --- | --- | --- | --- | --- | 18.9 | 17.6 | 18.1 | 25.6 | 24.5 | 24.9 |
| 17 | --- | --- | --- | --- | --- | --- | 18.9 | 18.0 | 18.4 | 25.8 | 24.9 | 25.2 |
| 18 | - | - | --- | - | --- | --- | 19.5 | 18.4 | 18.8 | 26.0 | 25.2 | 25.5 |
| 19 | --- | --- | --- | --- | --- | --- | 19.8 | 18.8 | 19.2 | 26.1 | 25.3 | 25.6 |
| 20 | --- | --- | --- | --- | --- | --- | 20.0 | 19.1 | 19.4 | 26.2 | 25.3 | 25.6 |
| 21 | --- | --- | - | --- | --- | --- | 20.2 | 19.5 | 19.7 | 26.3 | 25.5 | 25.7 |
| 22 | --- | --- | --- | --- | --- | --- | 21.0 | 19.9 | 20.1 | 26.4 | 25.6 | 25.9 |
| 23 | --- | --- | --- | --- | --- | --- | 21.1 | 20.3 | 20.5 | 26.1 | 25.7 | 25.9 |
| 24 | --- | --- | --- | --- | --- | --- | 21.4 | 20.6 | 20.8 | 26.1 | 25.7 | 25.9 |
| 25 | --- | - | - | - | --- | --- | 21.6 | 20.9 | 21.1 | 26.2 | 25.8 | 26.0 |
| 26 | --- | --- | --- | --- | --- | --- | 21.6 | 20.9 | 21.2 | 26.3 | 25.9 | 26.1 |
| 27 | --- | --- | --- | --- | --- | --- | 21.7 | 21.1 | 21.2 | 26.5 | 25.8 | 26.2 |
| 28 | --- | --- | --- | --- | --- | --- | 21.2 | 20.3 | 20.8 | 26.6 | 26.1 | 26.3 |
| 29 | --- | --- | --- | --- | --- | --- | 21.1 | 20.3 | 20.6 | 27.1 | 26.3 | 26.5 |
| 30 | --- | --- | --- | --- | --- | --- | 21.9 | 20.6 | 21.0 | 27.3 | 26.6 | 26.8 |
| 31 | --- | --- | --- | --- | --- | --- | --- | - | --- | --- | --- | --- |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | --- | --- | --- | --- | --- | --- | 29.8 | 29.1 | 29.5 | 27.3 | 27.0 | 27.1 |
| 2 | --- | --- |  | --- |  | --- | 29.6 | 28.9 | 29.3 | 27.4 | 27.0 | 27.1 |
| 3 | 27.7 | 27.0 | 27.3 | --- | --- | --- | 29.6 | 28.8 | 29.3 | 27.3 | 26.8 | 27.1 |
| 4 | 27.4 | 26.8 | 27.1 | --- | --- | --- | 29.9 | 29.2 | 29.5 | 27.3 | 26.7 | 27.1 |
| 5 | 27.3 | 26.7 | 27.0 | --- | --- | --- | 30.2 | 29.5 | 29.7 | 27.3 | 26.9 | 27.1 |
| 6 | 27.5 | 26.8 | 27.1 | 29.7 | 29.0 | 29.3 | 29.9 | 29.2 | 29.6 | 27.0 | 26.4 | 26.8 |
| 7 | 27.8 | 27.1 | 27.3 | --- | --- | --- | 29.3 | 28.1 | 28.9 | 26.6 | 26.2 | 26.5 |
| 8 | 27.9 | 27.5 | 27.7 | --- | --- | --- | 28.9 | 27.8 | 28.4 | --- | -- | --- |
| 9 | 28.1 | 27.7 | 27.9 | 30.1 | 29.7 | 29.9 | 28.4 | 27.7 | 28.1 | --- | --- | --- |
| 10 | 28.6 | 27.9 | 28.1 | 30.1 | 29.8 | 29.9 | 28.2 | 27.7 | 27.9 | --- | --- | --- |
| 11 | 28.8 | 28.1 | 28.4 | 30.1 | 29.7 | 29.9 | 28.1 | 27.7 | 27.9 | 27.0 | 26.8 | 26.9 |
| 12 | 28.8 | 28.3 | 28.5 | --- | --- | - | 28.2 | 27.8 | 27.9 | 26.9 | 26.5 | 26.6 |
| 13 | 28.6 | 27.9 | 28.3 | 30.4 | 29.5 | 29.8 | 28.0 | 27.4 | 27.8 | 26.6 | 25.8 | 26.3 |
| 14 | 28.2 | 27.6 | 28.0 | --- | - | - | --- | --- | --- | 26.2 | 25.5 | 25.9 |
| 15 | 28.0 | 27.5 | 27.7 | --- | --- | --- | - | -- | - | 25.9 | 25.4 | 25.7 |
| 16 | 27.8 | 27.5 | 27.6 | 30.4 | 29.6 | 29.9 | - | -- | --- | 26.2 | 25.4 | 25.8 |
| 17 | 27.7 | 27.4 | 27.5 | --- | --- | --- | --- | --- | --- | 26.6 | 26.0 | 26.1 |
| 18 | 28.3 | 27.3 | 27.6 | 29.9 | 28.8 | 29.5 | --- | --- | - | 26.4 | 25.8 | 26.1 |
| 19 | 28.8 | 27.7 | 28.0 | 29.8 | 28.7 | 29.2 | --- | --- | --- | 26.1 | 25.2 | 25.7 |
| 20 | 28.7 | 28.2 | 28.3 | 29.5 | 28.9 | 29.2 | 28.6 | 27.9 | 28.2 | 25.3 | 24.0 | 24.8 |
| 21 | 28.5 | 28.2 | 28.4 | 29.8 | 28.9 | 29.2 | 28.5 | 28.2 | 28.4 | 24.4 | 23.0 | 24.0 |
| 22 | 28.7 | 28.1 | 28.3 | --- | --- | --- | 28.5 | 28.1 | 28.4 | 24.3 | 23.2 | 23.8 |
| 23 | 28.9 | 28.2 | 28.4 | 29.8 | 29.2 | 29.5 | 28.5 | 28.2 | 28.3 | 24.4 | 23.6 | 24.0 |
| 24 | 28.7 | 28.1 | 28.4 | 29.9 | 29.2 | 29.6 | 28.5 | 28.1 | 28.3 | 24.2 | 23.8 | 24.0 |
| 25 | 28.8 | 28.3 | 28.5 | 29.8 | 29.1 | 29.5 | 28.5 | 28.2 | 28.4 | 24.4 | 23.8 | 24.0 |
| 26 | 28.7 | 28.5 | 28.6 | 29.8 | 29.3 | 29.5 | --- | --- | --- | 24.3 | 23.9 | 24.1 |
| 27 | 29.0 | 28.5 | 28.7 | 30.2 | 29.4 | 29.7 | 28.3 | 27.7 | 28.1 | 24.8 | 24.1 | 24.4 |
| 28 | 29.0 | 28.5 | 28.7 | 30.4 | 29.7 | 29.9 | 28.1 | 27.3 | 27.8 | 25.0 | 24.4 | 24.7 |
| 29 | 29.1 | 28.7 | 28.8 | 30.1 | 29.3 | 29.7 | 27.7 | 26.4 | 27.0 | 25.2 | 24.6 | 24.9 |
| 30 | 29.2 | 28.7 | 28.9 | 30.1 | 29.1 | 29.6 | 27.1 | 26.2 | 26.6 | 25.4 | 24.9 | 25.1 |
| 31 | --- | --- | --- | 29.9 | 29.2 | 29.6 | 27.3 | 26.6 | 26.9 | --- | --- | --- |
| MONTH | -- | - | -- | -- | -- | -- | - | -- | --- | -- | -- | - |


| 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 |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | - | - | - | --- | --- | - | --- | - - | --- | --- | --- | --- |
| 2 | - | --- | --- | --- | --- | - | --- | --- | --- | - | --- | --- |
| 3 | - | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | - | - | --- | --- | --- | -- | - | --- | - | --- | --- | --- |
| 5 | -- | --- | - | -- | - | -- | - | -- | - | - | - | --- |
| 6 | -- | -- | --- | -- | - | -- | -- | -- | -- | 7.4 | 6.5 | 6.8 |
| 7 | - | -- | --- | --- | --- | --- | - | -- | --- | 7.3 | 6.1 | 6.7 |
| 8 | - | -- | - | -- | --- | --- | --- | --- | --- | 7.2 | 6.3 | 6.7 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 7.2 | 6.4 | 6.7 |
| 10 | --- | --- | --- | -- | - | --- | 7.1 | 6.6 | 6.9 | 7.2 | 6.4 | 6.7 |
| 11 | - | --- | --- | -- | --- | --- | - | -- | --- | 7.3 | 6.4 | 6.7 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 6.3 | 6.7 |
| 13 | -- | -- | --- | --- | --- | - | --- | --- | --- | 7.2 | 6.2 | 6.6 |
| 14 | - | -- | - | --- | --- | --- | -- | --- | --- | 7.1 | 6.3 | 6.6 |
| 15 | - | --- | --- | --- | --- | - | - | --- | - | 7.0 | 6.2 | 6.6 |
| 16 | -- | --- | --- | --- | --- | --- | -- | --- | -- | 6.9 | 6.2 | 6.5 |
| 17 | - | - | --- | --- | --- | - | --- | -- | --- | -- | --- | --- |
| 18 | - | --- | --- | --- | --- | - | --- | --- | --- | --- | -- | --- |
| 19 | - | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | - |
| 20 | --- | --- | --- | --- | --- | --- | -- | -- | --- | - | --- | --- |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | -- | --- | --- | --- | --- | --- | - | --- | --- | --- | -- | - |
| 23 | --- | --- | --- | --- | --- | --- | -- | --- | --- | -- | --- | --- |
| 24 | - | - | --- | --- | --- | --- | - | - | -- | --- | -- | -- |
| 25 | -- | --- | --- | --- | --- | --- | --- | --- | --- | 7.7 | 5.7 | 6.5 |
| 26 | -- | --- | - | - | --- | -- | -- | - | -- | 7.8 | 5.6 | 6.6 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | -- | 8.2 | 5.9 | 6.6 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.0 | 5.8 | 6.7 |
| 29 | --- | -- | - | - | --- | --- | -- | --- | -- | 7.4 | 5.6 | 6.2 |
| 30 | --- | -- | - | --- | --- | --- | -- | - | -- | 6.6 | 5.4 | 6.0 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MONTH | --- | - | - | --- | --- | --- | --- | - | -- | --- | -- | --- |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | --- | --- | --- | --- | --- | --- | 5.2 | 3.4 | 4.6 | --- | --- | --- |
| 2 | - | - | --- | --- | --- | --- | 5.4 | 3.8 | 4.6 | --- | - | --- |
| 3 | 5.8 | 4.1 | 4.8 | --- | --- | --- | 5.2 | 3.7 | 4.6 | --- | --- | --- |
| 4 | 5.7 | 3.9 | 4.6 | --- | --- | --- | -- | -- | -- | --- | -- | -- |
| 5 | 5.7 | 4.0 | 4.7 | --- | --- | --- | -- | -- | -- | --- | --- | -- |
| 6 | 5.6 | 3.5 | 4.5 | 7.1 | 4.1 | 5.4 | -- | --- | -- | - | -- | --- |
| 7 | 5.5 | 3.8 | 4.8 | --- |  | -- | --- | --- | --- | --- | --- | --- |
| 8 | 5.9 | 4.6 | 5.1 | --- | --- | --- | 6.9 | 4.3 | 5.4 | --- | --- | --- |
| 9 | 6.1 | 4.8 | 5.3 | 7.6 | 5.3 | 6.1 | 6.9 | 4.9 | 5.6 | --- | - | - |
| 10 | 6.7 | 4.9 | 5.5 | 7.8 | 5.2 | 6.0 | 7.3 | 4.4 | 5.5 | --- | --- | -- |
| 11 | 6.7 | 4.9 | 5.4 | 8.3 | 5.0 | 5.8 | 6.9 | 3.8 | 5.0 | 5.9 | 5.2 | 5.4 |
| 12 | 6.1 | 5.0 | 5.4 | --- | --- | --- | --- | --- | --- | 5.8 | 5.1 | 5.4 |
| 13 | 5.8 | 5.0 | 5.4 | 8.4 | 5.0 | 6.0 | 5.4 | 3.9 | 4.8 | 5.6 | 5.0 | 5.3 |
| 14 | 5.9 | 4.8 | 5.3 | --- | --- | --- | --- | --- | --- | 5.5 | 4.9 | 5.2 |
| 15 | 5.8 | 4.6 | 5.2 | -- | -- | -- | --- | --- | --- | 5.3 | 4.8 | 5.0 |
| 16 | 6.0 | 4.7 | 5.2 | 7.9 | 3.0 | 5.8 | -- | --- | -- | -- | --- | - |
| 17 | 5.9 | 4.8 | 5.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 | 6.6 | 4.6 | 5.4 | 6.4 | 3.5 | 5.0 | -- | --- | --- | 5.7 | 5.0 | 5.4 |
| 19 | --- | --- | --- | 7.0 | 2.5 | 4.9 | --- | --- | --- | 5.8 | 5.2 | 5.5 |
| 20 | --- | --- | --- | 7.8 | 2.3 | 4.9 | --- | --- | --- | 6.3 | 5.5 | 5.8 |
| 21 | --- | --- | --- | 6.8 | 3.6 | 5.9 | --- | --- | --- | -- | --- | --- |
| 22 | --- | --- | --- | --- | --- | --- | - | -- | --- | --- | --- | - |
| 23 | 7.2 | 5.0 | 5.9 | 8.2 | 5.2 | 6.2 | -- | -- | --- | - | - | --- |
| 24 | 7.5 | 5.1 | 6.2 | 7.4 | 5.0 | 5.8 | --- | --- | --- | --- | --- | --- |
| 25 | --- | --- | --- | --- | --- | --- | -- | -- | --- | 7.0 | 6.1 | 6.4 |
| 26 | 8.1 | 5.7 | 6.5 | 7.0 | 4.4 | 5.4 | --- | --- | --- | 6.9 | 6.2 | 6.5 |
| 27 | 7.6 | 5.7 | 6.3 | 6.9 | 4.5 | 5.4 | 5.9 | 5.2 | 5.4 | --- | --- | --- |
| 28 | 7.0 | 5.0 | 6.0 | 6.2 | 4.4 | 5.1 | 5.7 | 5.0 | 5.3 | 6.6 | 6.3 | 6.5 |
| 29 | 6.6 | 4.5 | 5.7 | --- | -- | --- | --- | --- | --- | 6.5 | 6.2 | 6.3 |
| 30 | 7.3 | 4.1 | 6.0 | 5.5 | 3.8 | 4.7 | --- | --- | --- | 6.3 | 5.9 | 6.0 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued


021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, 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 | --- | --- | --- | 5.5 | 3.1 | 4.6 | --- | --- | --- | 4.9 | 3.1 | 4.2 |
| 2 | 5.5 | 4.4 | 5.0 | --- | --- | --- | --- | --- | --- | 5.3 | 3.2 | 4.2 |
| 3 | 5.1 | 4.2 | 4.6 | --- | --- | --- | --- | --- | --- | 5.2 | 3.2 | 4.3 |
| 4 | 5.0 | 4.2 | 4.5 | --- | --- | --- | --- | --- | --- | 5.3 | 3.2 | 4.4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 5.4 | 3.3 | 4.5 |
| 6 | --- | --- | --- | 4.9 | 2.5 | 4.0 | 5.1 | 1.9 | 3.8 | 5.8 | 3.5 | 4.7 |
| 7 | 5.2 | 3.9 | 4.5 | --- | --- | --- | 5.8 | 1.8 | 4.3 | 5.7 | 3.6 | 4.9 |
| 8 | 5.2 | 3.6 | 4.3 | -- | --- | --- | 5.9 | 2.3 | 4.2 | --- | --- | --- |
| 9 | 5.0 | 3.7 | 4.4 | 5.6 | 2.5 | 4.1 | 6.1 | 1.9 | 4.1 | --- | --- | --- |
| 10 | 5.3 | 3.7 | 4.4 | 6.4 | 2.7 | 4.1 | 5.9 | 2.3 | 4.2 | --- | --- | --- |
| 11 | 5.3 | 3.2 | 4.3 | 6.1 | 2.1 | 4.0 | 5.9 | 2.4 | 4.3 | 5.3 | 3.7 | 4.5 |
| 12 | 5.8 | 3.2 | 4.3 | --- | --- | -- | 5.9 | 2.5 | 4.0 | 5.7 | 3.5 | 4.7 |
| 13 | 5.6 | 3.1 | 4.3 | 7.1 | 2.3 | 4.1 | 4.8 | 2.0 | 3.5 | 5.6 | 3.5 | 4.7 |
| 14 | 5.3 | 3.2 | 4.2 | --- | --- | --- | --- | --- | --- | 5.3 | 3.8 | 4.7 |
| 15 | 5.2 | 3.5 | 4.2 | 7.3 | 2.3 | 4.5 | --- | --- | --- | 5.3 | 3.5 | 4.6 |
| 16 | 5.2 | 2.6 | 4.0 | 7.7 | 2.7 | 4.5 | --- | --- | --- | 5.4 | 3.5 | 4.6 |
| 17 | 5.4 | 3.1 | 4.0 | --- | --- | --- | --- | --- | --- | 5.5 | 4.1 | 4.9 |
| 18 | 6.0 | 3.1 | 4.1 | 6.2 | 2.9 | 4.3 | --- | --- | --- | 5.6 | 4.2 | 5.0 |
| 19 | 6.2 | 3.1 | 4.3 | 6.8 | 2.6 | 4.4 | --- | --- | --- | 5.8 | 4.2 | 5.1 |
| 20 | 6.0 | 2.8 | 4.3 | 6.5 | 2.8 | 4.4 | 5.2 | 2.0 | 4.1 | 6.2 | 4.1 | 5.3 |
| 21 | 5.8 | 2.8 | 4.4 | 6.3 | 2.3 | 4.3 | 5.1 | 2.0 | 4.2 | 6.4 | 4.0 | 5.3 |
| 22 | 5.8 | 3.4 | 4.6 | --- | - | --- | 5.3 | 2.4 | 4.2 | 6.4 | 4.6 | 5.6 |
| 23 | 6.1 | 3.0 | 4.7 | 5.3 | 2.2 | 3.8 | 5.3 | 2.4 | 4.2 | 6.3 | 4.3 | 5.4 |
| 24 | 6.3 | 4.1 | 4.9 | 5.1 | 2.3 | 3.6 | 5.8 | 2.6 | 4.3 | 6.5 | 4.4 | 5.5 |
| 25 | 6.0 | 4.1 | 5.0 | 4.6 | 2.0 | 3.0 | 6.2 | 3.0 | 4.6 | 6.5 | 4.7 | 5.6 |
| 26 | 5.9 | 4.0 | 4.9 | 5.3 | 2.0 | 3.2 | 6.0 | 2.9 | 4.8 | 6.3 | 4.9 | 5.7 |
| 27 | 6.8 | 3.2 | 4.9 | 6.0 | 1.8 | 3.4 | 5.8 | 2.6 | 4.5 | 6.3 | 5.1 | 5.8 |
| 28 | 6.4 | 3.3 | 5.0 | 5.6 | 1.9 | 3.4 | 5.4 | 2.2 | 4.3 | 6.0 | 4.3 | 5.5 |
| 29 | 6.7 | 2.7 | 4.9 | --- | --- | --- | 5.9 | 3.4 | 4.9 | 5.7 | 4.2 | 5.2 |
| 30 | 6.5 | 3.1 | 4.9 | --- | --- | --- | 5.7 | 3.6 | 4.8 | 5.3 | 4.0 | 4.8 |
| 31 | --- | --- | --- | --- | --- | -- | 5.2 | 3.6 | 4.5 | --- | - | -- |
| MONTH | --- | --- | --- | --- | --- | --- | -- | -- | -- | - | -- | --- |

