PERIOD OF RECORD.--Water years 1997 to current year.
PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (Top): April 2004 to May 2005 (discontinued).
SPECIFIC CONDUCTANCE (Middle): April 1997 to current year.
SPECIFIC CONDUCTANCE (Bottom): April 2004 to May 2005 (discontinued).
WATER TEMPERATURE (Top) : April 2004 to May 2005 (discontinued).
WATER TEMPERATURE (Middle): April 1997 to current year.
WATER TEMPERATURE (Bottom) : April 2004 to May 2005 (discontinued).
DISSOLVED OXYGEN (Top) : April 2004 to May 2005 (discontinued).
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 Dec. 19-22, Feb. 1-9, which are good. Specific
conductance (Middle) records rated excellent except for Oct. 3-5, Nov. 27 to Dec. 8, Dec. 18-22, May 27 to June 6 , June 22 ,
23, July 4-6, which are good, and June 7, 8, which are fair. Specific conductance (Bottom) records rated excellent except for
Oct. 1-5, 19-27, Nov. 24 to Dec. 8, Dec. 14-22, Jan. 13-21, Mar. 20-29, which are good. Temperature (Top) records rated excellent. Temperature (Middle) records rated excellent. Temperature (Bottom) records rated excellent. Dissolved oxygen (Top) records rated excellent except for Oct. 30, Dec. 11, Mar. 11-13, Apr. 14-17, 22, 23, which are good, Oct. 31, Nov. 1,
Dec. 12, 13, Mar. 14-16, Apr. 24-26, which are fair, and Nov. 2, 3, Dec. 14, 15, Mar. 17-20, Apr. 27 to May 2, which are
poor. Dissolved oxygen (Middle) records rated excellent except for Oct. 31 to Nov. 2, Nov. 30 to Dec. 8, Dec. 21, 22, Jan.
poor. Dissolved oxygen (Midale records rated excellent except for
$13-18$, Mar. 21-29, Apr. 7-13, May 11-18, July 11, 12, Aug. 19, which are good, Nov. 3-5, Jan. 19-21, May 19, 20, June 18, July 7, 13-15, which are fair, and Apr. 14, 15, July 16, 17, which are poor. Prior to October 3, 2003 dissolved oxygen concentrations are not corrected for salinity.
EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (TOp) : Maximum, 50,000 microsiemens, June 4, Aug. 3, 2004; minimum, 22,900 microsiemens, Mar. 29, 2005.
SPECIFIC CONDUCTANCE (Middle): Maximum, 52,700 microsiemens, Nov. 15, 2001; minimum, 12,000 microsiemens, Feb. 19, 1998.
SPECIFIC CONDUCTANCE (Bottom) : Maximum, 51,900 microsiemens, July 31, Aug. 2, 2004; minimum, 24,500 microsiemens, Aug. 31, Sep. 1, 2004.
WATER TEMPERATURE (Top) : Maximum, 30.9${ }^{\circ} \mathrm{C}$, July 9, 2004; minimum, $7.4^{\circ} \mathrm{C}$, Jan. 31, Feb. 2, 4, 2005.
WATER TEMPERATURE (Middle): Maximum, $31.5^{\circ} \mathrm{C}$, on several days during August 1999 ; minimum, $5.5^{\circ} \mathrm{C}, \mathrm{Jan}$. 1-5, 2001.
WATER TEMPERATURE (Bottom) : Maximum, $30.4^{\circ} \mathrm{C}$, July 13, 16, 28, 2004; minimum, $7.0^{\circ} \mathrm{C}$, Jan. 29, 30, 2005.
DISSOLVED OXYGEN (TOp) : Maximum, $11.2 \mathrm{mg} / \mathrm{L}, ~ F e b . ~ 15, ~ 2005 ; ~ m i n i m u m, ~ 2.3 ~ m g / L, ~ J u l y ~ 20, ~ 2004 . ~$
DISSOLVED OXYGEN (Middle): Maximum, $14.0 \mathrm{mg} / \mathrm{L}, \mathrm{Jan} .2-4,2001 ; ~ m i n i m u m, 1.8 \mathrm{mg} / \mathrm{L}, \mathrm{Jul} .27$, Aug. 7, 2004.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (TOp) : Maximum, 49,200 microsiemens, Feb. 9; minimum, 22,900 microsiemens, Mar. 29.
SPECIFIC CONDUCTANCE (Middle): Maximum, 50,600 microsiemens, Feb. 28; minimum, 27,300 microsiemens, Apr. 2.
SPECIFIC CONDUCTANCE (Bottom) : Maximum, 51,400 microsiemens, Feb. 27; minimum, 29,200 microsiemens, Mar. 29.
WATER TEMPERATURE (Top) : Maximum, $26.4^{\circ} \mathrm{C}$, Oct. 5; minimum, $7.4^{\circ} \mathrm{C}$, Jan. 31, Feb. 2, 4.
WATER TEMPERATURE (Middle): Maximum, $31.0^{\circ} \mathrm{C}$, July 29; minimum, $7.2^{\circ} \mathrm{C}$, Jan. 29, 31.
WATER TEMPERATURE (Bottom) : Maximum, $26.0^{\circ} \mathrm{C}$, Oct $2-4$; minimum, $7.0^{\circ} \mathrm{C}$, Jan. 29, 30.
DISSOLVED OXYGEN (Top) : Maximum, $11.2 \mathrm{mg} / \mathrm{L}, \mathrm{Feb} .15$; minimum, $5.1 \mathrm{mg} / \mathrm{L}$, Oct. 3, 5.
DISSOLVED OXYGEN (Middle): Maximum, $10.5 \mathrm{mg} / \mathrm{L}, \mathrm{Feb} .8,13 ;$ minimum, $3.0 \mathrm{mg} / \mathrm{L}$, July 24, 25, 29, Aug. 1.

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 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | OCTOBER |  | NOVEMBER |  | DECEMBER |  |  |  | JANUARY |  |  |
| 1 | 41400 | 29700 | 35100 | 39400 | 27100 | 33700 | 38000 | 31800 | 34500 | 40400 | 34000 | 37200 |
| 2 | 40700 | 29600 | 35200 | 38900 | 25900 | 33500 | 41700 | 30000 | 34500 | 40400 | 33700 | 36600 |
| 3 | 39100 | 28700 | 34400 | 39400 | 28100 | 33500 | 39800 | 30100 | 34000 | 40400 | 32600 | 36900 |
| 4 | 40700 | 26800 | 33900 | 37500 | 29400 | 33300 | 41500 | 29800 | 34100 | 40400 | 34400 | 37600 |
| 5 | 40100 | 28700 | 34000 | 38400 | 28600 | 33400 | 40400 | 30800 | 34400 | 40800 | 32900 | 36400 |
| 6 | 40500 | 27100 | 34000 | 39000 | 29900 | 35100 | 41200 | 33400 | 37000 | 41300 | 33900 | 37600 |
| 7 | 37800 | 29900 | 33700 | 39000 | 32200 | 36100 | 40800 | 36800 | 38600 | 44100 | 34800 | 38500 |
| 8 | 38500 | 31000 | 35300 | 39800 | 33400 | 37000 | 40700 | 35300 | 38400 | 45500 | 34800 | 39800 |
| 9 | 37300 | 31800 | 35400 | 40200 | 34200 | 37900 | 43700 | 35300 | 39400 | 46600 | 34900 | 40300 |
| 10 | 37300 | 32800 | 35200 | 42400 | 35300 | 39100 | 44400 | 36400 | 39900 | 47900 | 37400 | 40900 |
| 11 | 39100 | 33200 | 35500 | 44400 | 36300 | 39700 | 45300 | 37700 | 40000 | 47900 | 35800 | 40600 |
| 12 | 39900 | 33100 | 36300 | 45300 | 36900 | 40200 | 46600 | 36500 | 40100 | 48000 | 33800 | 40200 |
| 13 | 40800 | 32900 | 36300 | 46200 | 35900 | 40400 | 45500 | 37000 | 40000 | 46600 | 34200 | 39900 |
| 14 | 41600 | 32500 | 36200 | 47400 | 35400 | 40700 | 46900 | 35200 | 39900 | --- |  |  |
| 15 | 42300 | 31400 | 35900 | 47400 | 35400 | 40700 | 46300 | 33800 | 39100 | --- | --- |  |
| 16 | 42100 | 29000 | 34900 | 45600 | 35500 | 39900 | 44300 | 33600 | 39500 | 41700 | 32400 | 37800 |
| 17 | 42500 | 27500 | 34600 | 44500 | 33800 | 39000 | 43900 | 35100 | 39700 | 42300 | 32900 | 37800 |
| 18 | 42800 | 28800 | 34900 | 44000 | 33000 | 38400 | 44100 | 35000 | 39600 | --- | --- | --- |
| 19 | 40400 | 28700 | 34100 | 42600 | 33200 | 38100 | 43300 | 35800 | 39100 | 40500 | 33100 | 37400 |
| 20 | 40900 | 27900 | 34300 | 41100 | 33200 | 37900 | 40600 | 33000 | 37700 |  |  |  |
| 21 | 42700 | 29000 | 35900 | 41500 | 33400 | 37600 | 42800 | 35200 | 39300 | --- | --- |  |
| 22 | 43000 | 31900 | 37700 | 42800 | 34300 | 38100 | 43400 | 36000 | 39700 | 41100 | 35200 | 38200 |
| 23 | 43900 | 34200 | 38400 | 43200 | 35100 | 38600 | 42800 | 36000 | 39100 | 38400 | 33600 | 35900 |
| 24 | 43500 | 35000 | 38700 | 43500 | 35300 | 38800 | 43300 | 34800 | 39100 | 40700 | 31300 | 37100 |
| 25 | 43400 | 34500 | 38900 | 40600 | 34500 | 37500 | 45200 | 34600 | 40000 | 40900 | 33500 | 37300 |
| 26 | 43300 | 34000 | 38400 | 43800 | 31600 | 37600 | 45400 | 35900 | 40400 | 41900 | 34900 | 38200 |
| 27 | 42700 | 33400 | 37900 | 44000 | 31700 | 38000 | 44200 | 37600 | 40200 | 41800 | 33600 | 37900 |
| 28 | 43400 | 33300 | 37900 | 41900 | 33800 | 36800 | 43400 | 37000 | 39000 | 42800 | 34700 | 38600 |
| 29 | 42900 | 32800 | 37400 | 41300 | 30900 | 36700 | 43000 | 35200 | 38200 | 43000 | 34500 | 38900 |
| 30 | 42500 | 31800 | 36600 | 42100 | 30600 | 36400 | 40800 | 34600 | 37700 | 41900 | 35500 | 39000 |
| 31 | 39200 | 29900 | 34900 | --- | --- | --- | 40500 | 34900 | 37600 | 41600 | 33600 | 38500 |
| MONTH | 43900 | 26800 | 35900 | 47400 | 25900 | 37500 | 46900 | 29800 | 38400 | --- | --- | --- |



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 | 31500 | 36800 | 42900 | 32800 | 37700 | 43200 | 33900 | 38100 | 43500 | 36200 | 39500 |
| 2 | 43100 | 32000 | 37000 | 43000 | 34900 | 39200 | 43100 | 35900 | 39600 | 43400 | 37300 | 39800 |
| 3 | 42300 | 32400 | 36600 | 44100 | 36500 | 40200 | 42800 | 37600 | 39900 | 42700 | 37000 | 40000 |
| 4 | 43300 | 33200 | 37900 | --- | --- | --- | 42000 | 36400 | 39900 | 43200 | 36800 | 40300 |
| 5 | 42900 | 34700 | 39100 | 45800 | 38100 | 41900 | 42500 | 36300 | 39600 | 43200 | 35500 | 39700 |
| 6 | 43300 | 35400 | 39700 | 44200 | 37200 | 41100 | 41500 | 35900 | 38900 | 44200 | 36100 | 39500 |
| 7 | 41800 | 35100 | 38900 | --- | --- | --- | 41800 | 35000 | 38200 | 46200 | 36100 | 40000 |
| 8 | 41100 | 36300 | 38100 | 42400 | 36500 | 39400 | 42200 | 35000 | 38500 | 47800 | 36800 | 40800 |
| 9 | 39800 | 34700 | 37000 | 44600 | 36800 | 40200 | 45400 | 37200 | 40200 | 48500 | 36600 | 41700 |
| 10 | 41100 | 34400 | 36800 | 45600 | 37100 | 40600 | 46100 | 36700 | 40500 | 49900 | 36900 | 42100 |
| 11 | 42600 | 34700 | 37600 | 47100 | 37300 | 41500 | 46800 | 36200 | 39800 | 49900 | 36500 | 41800 |
| 12 | 42900 | 35200 | 38400 | 47900 | 37700 | 41700 | 47600 | 35000 | 40400 | 49500 | 36300 | 41500 |
| 13 | 44700 | 34900 | 38400 | 47900 | 37300 | 41900 | 47100 | 35800 | 39900 | 49400 | 36500 | 41300 |
| 14 | 44600 | 33800 | 38200 | 48600 | 37300 | 42200 | 49000 | 35500 | 40800 | --- | --- | --- |
| 15 | 46600 | 33200 | 37700 | 48600 | 37400 | 42000 | 49100 | 36000 | 40900 | --- | --- | --- |
| 16 | 46000 | 32700 | 37100 | 47100 | 37100 | 41100 | 47100 | 37400 | 41200 | 46100 | 37100 | 40800 |
| 17 | 45000 | 32000 | 37000 | 46100 | 36800 | 40400 | 46900 | 38100 | 41500 | 45600 | 38100 | 40700 |
| 18 | 45000 | 33000 | 37500 | 45200 | 36000 | 39900 | 45900 | 38400 | 41400 | --- | --- | --- |
| 19 | 43600 | 32800 | 36700 | 44200 | 35900 | 39600 | 45800 | 37700 | 41200 | --- | --- | --- |
| 20 | 44700 | 32900 | 37700 | 43100 | 36000 | 39200 | 44400 | 36800 | 40000 | --- | --- | --- |
| 21 | 46200 | 35400 | 39400 | 43000 | 35000 | 38700 | 46400 | 38400 | 41800 | --- | --- | --- |
| 22 | 47100 | 37800 | 41200 | 43600 | 36100 | 39300 | 46100 | 37700 | 41200 | 44900 | 36300 | 40300 |
| 23 | 49000 | 38800 | 42800 | 44400 | 35600 | 39300 | 45100 | 36900 | 40500 | 40600 | 35300 | 37700 |
| 24 | 49000 | 38800 | 42900 | 44600 | 35600 | 39200 | 45700 | 36900 | 40600 | 44400 | 35800 | 39300 |
| 25 | 49000 | 38700 | 43100 | 43000 | 34300 | 37200 | 46800 | 38100 | 41700 | 43400 | 34900 | 38800 |
| 26 | 49000 | 38000 | 43100 | 44300 | 34000 | 38400 | 47600 | 38200 | 41800 | 44600 | 36900 | 39400 |
| 27 | 48800 | 35700 | 41100 | 43900 | 35100 | 38600 | 45400 | 38100 | 40700 | 44200 | 36100 | 39500 |
| 28 | 45700 | 35100 | 39700 | 42000 | 34400 | 37300 | 45200 | 37600 | 40500 | 44800 | 37300 | 40200 |
| 29 | 45800 | 34600 | 39500 | 42800 | 34300 | 37800 | 45000 | 36700 | 40000 | 45700 | 37600 | 40500 |
| 30 | 45000 | 34800 | 38700 | 43400 | 35400 | 38300 | 43300 | 36500 | 39400 | 45100 | 37400 | 40200 |
| 31 | 42300 | 34100 | 37700 | --- | --- | --- | 43400 | 36400 | 39300 | 43700 | 37200 | 39900 |
| MONTH | 49000 | 31500 | 38800 | --- | --- | --- | 49100 | 33900 | 40300 | --- | --- | --- |


| DAY | Specific conductance, |  |  | water, unfiltered, MAX MIN |  | microsiemens <br> MEAN | s perMAX | entimeter at 25 degrees Celsius |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MAX | MIN | MEAN |  |  | MIN |  | MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 43800 | 36800 | 39900 | 44900 | 35300 |  | 39100 | 41500 | 30800 | 34700 | 43600 | 34400 | 38300 |
| 2 | 44000 | 37200 | 40100 | 43400 | 35700 | 39700 | 41800 | 27300 | 33300 | 45100 | 35700 | 39600 |
| 3 | --- | --- | --- | 43900 | 37200 | 40600 | 38300 | 28300 | 33400 | 44900 | 36500 | 39700 |
| 4 | 45500 | 36700 | 40100 | 45600 | 38200 | 41300 | 40000 | 30400 | 34400 | 45600 | 36500 | 40100 |
| 5 | 46100 | 36900 | 40800 | 45300 | 36500 | 40800 | 41800 | 30900 | 35600 | 47600 | 36500 | 41000 |
| 6 | 47100 | 37300 | 41100 | 45800 | 37400 | 41000 | 43000 | 32000 | 36500 | --- | --- | --- |
| 7 | 47300 | 36900 | 41200 | 45900 | 37200 | 40800 | 44500 | 31800 | 36800 | --- | --- | --- |
| 8 | 48500 | 36600 | 41300 | 47100 | 37300 | 40800 | 44900 | 31600 | 36800 | --- | --- | --- |
| 9 | 48400 | 36000 | 41700 | 49300 | 36900 | 42200 | 46200 | 32400 | 37400 | --- | --- | --- |
| 10 | 47200 | 36000 | 41100 | 48200 | 37300 | 42100 | 45300 | 33600 | 38000 | --- | --- | --- |
| 11 | 47800 | 35900 | 40800 | 46300 | 36800 | 40800 | 43600 | 33000 | 37500 | 44200 | 35200 | 38400 |
| 12 | 47000 | 36900 | 40900 | 46400 | 35100 | 39400 | 42900 | 32600 | 36700 | 43300 | 35600 | 38800 |
| 13 | 46700 | 37100 | 40600 | 46600 | 34200 | 39100 | 42900 | 32900 | 36700 | 43600 | 35200 | 39100 |
| 14 | 45500 | 36100 | 40000 | 46600 | 36400 | 40100 | 42100 | 34500 | 37700 | 44300 | 37400 | 40400 |
| 15 | 43500 | 36100 | 40100 | 46500 | 37500 | 41100 | 43300 | 34300 | 38700 | 43700 | 35900 | 39800 |
| 16 | 45500 | 37700 | 41900 | 46400 | 38000 | 41400 | 42700 | 36700 | 39400 | 42400 | 35500 | 39400 |
| 17 | 46100 | 39200 | 43900 | 46300 | 38800 | 42100 | 41700 | 36400 | 38700 | 44100 | 38100 | 40800 |
| 18 | 47100 | 40200 | 44500 | 46600 | 40000 | 43200 | --- | --- | --- | 44600 | 37800 | 41500 |
| 19 | 46900 | 41500 | 43900 | 46700 | 40000 | 43600 | --- | --- | --- | 44600 | 37700 | 40600 |
| 20 | 45800 | 40300 | 43200 | 44900 | 39500 | 42100 | --- | --- | --- | 43400 | 37200 | 39800 |
| 21 | 45600 | 39400 | 42200 | 43500 | 38100 | 40800 | --- | --- | --- | 46900 | 37200 | 40500 |
| 22 | 45400 | 37300 | 41300 | 44600 | 37700 | 40700 | 44000 | 34400 | 37800 | 47200 | 37200 | 41300 |
| 23 | 47200 | 38800 | 42500 | 43400 | 36400 | 39100 | 42500 | 34200 | 37600 | 47000 | 36000 | 40100 |
| 24 | 47500 | 40000 | 42700 | 42900 | 35300 | 38400 | 44500 | 32600 | 37300 | 49700 | 36100 | 41000 |
| 25 | 47300 | 38800 | 42300 | 44900 | 35400 | 39400 | 44200 | 33400 | 37800 | 49800 | 37400 | 42000 |
| 26 | 47500 | 39600 | 42700 | 45500 | 36000 | 40100 | 45500 | 34600 | 38300 | 48800 | 37800 | 41900 |
| 27 | 50500 | 39400 | 43300 | 44600 | 36600 | 39800 | 44600 | 33600 | 38000 | 48600 | 36900 | 41300 |
| 28 | 50600 | 38500 | 42700 | 42000 | 31000 | 35700 | --- | --- | --- | --- | --- | --- |
| 29 | --- | --- | --- | 41600 | 29600 | 33900 | 45300 | 34800 | 38900 | 46900 | 36500 | 40800 |
| 30 | --- | --- | --- | 41600 | 29600 | 34400 | 45100 | 34300 | 37900 | 47400 | 36400 | 40900 |
| 31 | --- | --- | --- | 41600 | 30000 | 34200 | --- | --- | --- | 46600 | 36700 | 41300 |
| MONTH | --- | --- | --- | 49300 | 29600 | 39900 | --- | --- | --- | - | -- | --- |

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 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  |  | JULY |  |  | AUGUST |  | SEPTEMBER |  |  |
| 1 | 48100 | 38200 | 42200 | 41900 | 31300 | 35700 | 45000 | 35500 | 39700 |  | --- |  |
| 2 | 47500 | 36200 | 41400 | 41600 | 29800 | 35100 | 46400 | 36900 | 40500 | --- | --- | --- |
| 3 | 47400 | 33900 | 40000 | 41800 | 30900 | 35600 | 46700 | 37600 | 41200 | --- | --- | --- |
| 4 | 47700 | 32300 | 39000 | 40100 | 30900 | 34600 | 46800 | 37300 | 41100 | --- | --- | --- |
| 5 | 43600 | 29400 | 36700 | --- | --- | --- | 47000 | 38000 | 41400 | --- | --- | --- |
| 6 | 42200 | 29400 | 34600 | --- | --- | --- | 45800 | 38000 | 41400 | --- | --- | --- |
| 7 | 41800 | 30900 | 35000 | --- | --- | --- | 45400 | 37100 | 40900 | --- | --- | --- |
| 8 | 43300 | 31900 | 36200 | 43100 | 31500 | 35700 | 44900 | 37100 | 40400 | --- | --- | --- |
| 9 | 44200 | 33200 | 37000 | 42800 | 31900 | 36400 | 43400 | 35600 | 39300 | --- | --- | --- |
| 10 | 43700 | 33800 | 37000 | 42700 | 31600 | 36200 | 43800 | 34400 | 39000 | --- | --- | --- |
| 11 | 42700 | 32600 | 36200 | 40600 | 31400 | 35900 | 43800 | 33000 | 39000 | --- | --- | --- |
| 12 | 42100 | 32800 | 36300 | 40600 | 30300 | 36000 | 43600 | 34400 | 39300 | --- | --- | --- |
| 13 | 42300 | 32300 | 37000 | 41400 | 31900 | 36500 | 44100 | 35800 | 39400 | --- | --- | --- |
| 14 | 42300 | 32100 | 37600 | 42800 | 33800 | 37500 | 43600 | 35700 | 38900 | --- | --- | --- |
| 15 | 42500 | 34000 | 38600 | --- | --- | -- | 46000 | 35100 | 38900 | --- | --- | --- |
| 16 | 42700 | 32700 | 38800 | 43100 | 32400 | 37500 | 46100 | 34200 | 38900 | --- | --- | --- |
| 17 | 45600 | 35600 | 40100 | 44100 | 32000 | 37800 | 48500 | 34800 | 39300 | --- | --- | --- |
| 18 | 46200 | 36800 | 40600 | 45400 | 32600 | 38000 | 48600 | 35100 | 40300 | --- | --- | --- |
| 19 | 48300 | 38100 | 41300 | 47600 | 33200 | 38700 | --- | --- | --- | --- | --- | --- |
| 20 | 48100 | 37900 | 41800 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | 48400 | 37300 | 41700 | 49500 | 34600 | 40200 | --- | --- | --- | --- | --- | --- |
| 22 | 47900 | 36800 | 41100 | 49900 | 35300 | 40600 | --- | --- | --- | --- | --- | --- |
| 23 | 47200 | 35500 | 40300 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | 47400 | 35900 | 40300 | 48400 | 35500 | 41800 | --- | --- | --- | --- | --- | --- |
| 25 | 47400 | 36200 | 40300 | 48300 | 36200 | 41100 | --- | --- | --- | --- | --- | --- |
| 26 | 47100 | 36100 | 39900 | 46700 | 35300 | 39700 | --- | --- | --- | --- | --- | --- |
| 27 | 44300 | 34500 | 38800 | 46100 | 34600 | 39500 | --- | --- | --- | --- | --- | --- |
| 28 | 42700 | 33800 | 37500 | 45200 | 34200 | 40700 | --- | --- | --- | --- | --- | --- |
| 29 | 42000 | 32200 | 36200 | 46000 | 34400 | 40500 | --- | --- | --- | --- | --- | --- |
| 30 | 42000 | 31000 | 35800 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | --- | --- | --- | 45200 | 35900 | 39300 | -- | - | -- | --- | --- | --- |
| MONTH | 48400 | 29400 | 38600 | --- | --- | --- | --- | -- | -- | -- | -- | -- |

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 | 31500 | 37100 | 42500 | 34200 | 37500 | 44200 | 35300 | 39700 | 43100 | 35700 | 39400 |
| 2 | 43200 | 32900 | 37600 | --- | --- | --- | 44700 | 37100 | 41100 | 42800 | 36200 | 39500 |
| 3 | 43100 | 32600 | 36900 | --- | --- | --- | --- | --- | --- | 42800 | 37000 | 40000 |
| 4 | 44000 | 35200 | 39000 | --- | --- | --- | 44100 | 37800 | 41700 | 42700 | 36700 | 39900 |
| 5 | 43200 | 35000 | 39300 | 44800 | 37100 | 41100 | 44100 | 38400 | 41600 | 42900 | 36400 | 39800 |
| 6 | 41400 | 34500 | 38600 | 42900 | 37200 | 40400 | 44000 | 38500 | 40700 | 44600 | 36600 | 39800 |
| 7 | 39700 | 33600 | 37100 | --- | --- | --- | 43700 | 36800 | 40000 | 46900 | 36000 | 40300 |
| 8 | 39500 | 34900 | 37100 | 41200 | 35600 | 38200 | 43000 | 36400 | 39300 | 48700 | 36800 | 41200 |
| 9 | 38600 | 33300 | 35600 | --- | --- | --- | 45500 | 37000 | 40200 | 49200 | 36700 | 42000 |
| 10 | 39100 | 31600 | 35100 | 43800 | 35900 | 39400 | 46300 | 36800 | 40300 | 50000 | 37200 | 42300 |
| 11 | 40600 | 32900 | 35600 | 44800 | 36400 | 39800 | 47300 | 36000 | 39800 | 49900 | 36400 | 41900 |
| 12 | 41100 | 33000 | 36300 | 45700 | 36200 | 40200 | 47600 | 35200 | 40400 | 49900 | 36200 | 41600 |
| 13 | 42200 | 32500 | 36200 | 47000 | 36100 | 40800 | 47400 | 35700 | 40000 | 49500 | 36500 | 41500 |
| 14 | --- | --- | --- | 47700 | 36800 | 41500 | 49400 | 35300 | 40900 | --- | --- | --- |
| 15 | --- | --- | --- | 48400 | 36800 | 41400 | 49100 | 35700 | 40900 | --- | --- | --- |
| 16 | 44000 | 31700 | 36000 | 46800 | 37000 | 40500 | 47400 | 37300 | 41100 | --- | --- | --- |
| 17 | 43600 | 31000 | 35900 | 45600 | 36300 | 39800 | 46700 | 37600 | 41100 | --- | --- | --- |
| 18 | 44100 | 31600 | 36800 | 44300 | 35500 | 39500 | 46100 | 37900 | 41400 | --- | --- | --- |
| 19 | 42700 | 31300 | 36000 | 44200 | 35900 | 39600 | 45500 | 37500 | 41400 | --- | --- | --- |
| 20 | 42900 | 32200 | 36800 | 44200 | 35700 | 39300 | 44100 | 36400 | 40300 | --- | --- | --- |
| 21 | 44500 | 34300 | 38400 | 43200 | 35600 | 39000 | 46600 | 38000 | 42000 | --- | --- | --- |
| 22 | 44600 | 35900 | 39700 | 43800 | 36200 | 39500 | 45800 | 38300 | 41200 | 47300 | 37900 | 42000 |
| 23 | 46000 | 35800 | 39900 | 44800 | 35200 | 39400 | 45100 | 36400 | 40300 | 43100 | 36500 | 39500 |
| 24 | 45900 | 36100 | 40200 | 45400 | 35200 | 39500 | 45700 | 36400 | 40500 | 46100 | 37800 | 41300 |
| 25 | 45400 | 36000 | 40200 | 43300 | 34500 | 37600 | 46600 | 38200 | 41800 | 44900 | 37500 | 40600 |
| 26 | 46000 | 36000 | 40600 | 44900 | 34500 | 39100 | 47600 | 38100 | 41800 | 46000 | 38100 | 41000 |
| 27 | 46300 | 35100 | 39800 | 45200 | 35600 | 39400 | 45700 | 37900 | 40900 | 46000 | 37600 | 41300 |
| 28 | 45600 | 34300 | 39200 | 43100 | 34700 | 38400 | 45000 | 36800 | 40400 | 47300 | 38200 | 42000 |
| 29 | 45000 | 34600 | 38900 | 44200 | 35400 | 38900 | 44800 | 36600 | 40000 | 48200 | 39000 | 42500 |
| 30 | 44100 | 34100 | 38300 | 45100 | 36700 | 39900 | 43300 | 36400 | 39300 | 46900 | 39000 | 42200 |
| 31 | 41600 | 33800 | 37100 | --- | --- | --- | 43100 | 36700 | 39200 | -- | --- | -- |
| MONT | --- | --- | --- | --- | --- | - | --- | --- | - | -- | --- | -- |



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

| Temperature, water, degrees Celsius |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 25.6 | 25.0 | 25.3 | 22.1 | 21.4 | 21.7 | 16.5 | 15.9 | 16.3 | --- | --- | --- |
| 2 | 26.1 | 25.4 | 25.6 | 22.3 | 21.7 | 22.0 | 16.2 | 15.4 | 15.9 | --- | --- | --- |
| 3 | 25.9 | 25.6 | 25.8 | 22.5 | 22.0 | 22.2 | 16.1 | 15.2 | 15.7 | 11.2 | 10.0 | 10.6 |
| 4 | 26.1 | 25.7 | 25.8 |  |  |  | 15.9 | 15.0 | 15.5 | --- | --- | --- |
| 5 | 26.4 | 25.5 | 26.0 | 22.3 | 21.6 | 22.0 | 15.8 | 14.9 | 15.4 | --- | --- | --- |
| 6 | 26.2 | 25.6 | 25.9 | 22.0 | 21.2 | 21.7 | 16.0 | 15.3 | 15.6 | 11.8 | 11.0 | 11.3 |
| 7 | 25.7 | 25.2 | 25.5 |  |  |  | 16.4 | 15.7 | 16.0 | 12.5 | 11.4 | 11.7 |
| 8 | 25.5 | 24.5 | 24.9 | 21.5 | 20.9 | 21.3 | 16.5 | 16.1 | 16.3 | 12.8 | 11.7 | 12.2 |
| 9 | 25.1 | 24.4 | 24.7 | --- | --- | --- | 16.9 | 16.3 | 16.6 | 12.9 | 12.3 | 12.6 |
| 10 | 24.6 | 24.1 | 24.4 | 20.3 | 19.2 | 19.7 | - | --- | - | 13.3 | 12.7 | 13.0 |
| 11 | 24.5 | 24.1 | 24.3 | 19.6 | 18.6 | 19.2 | --- | --- | --- | 13.5 | 13.0 | 13.3 |
| 12 | 24.7 | 24.0 | 24.3 | 19.4 | 18.5 | 19.1 | --- | --- | --- | 13.8 | 13.3 | 13.5 |
| 13 | 24.6 | 24.2 | 24.4 | 19.3 | 18.3 | 18.9 | --- | --- | --- | 14.3 | 13.6 | 13.8 |
| 14 | 24.3 | 23.8 | 24.0 | 18.5 | 17.1 | 17.8 | --- | --- | --- | --- | --- | --- |
| 15 | 24.0 | 23.2 | 23.6 | 17.5 | 16.0 | 16.9 | 14.3 | 12.7 | 13.6 | --- | --- | --- |
| 16 | 23.3 | 22.3 | 22.8 | 16.9 | 15.9 | 16.5 | 13.3 | 12.4 | 12.9 | 13.2 | 12.4 | 12.8 |
| 17 | 22.9 | 22.0 | 22.6 | 16.7 | 15.9 | 16.4 | 12.9 | 12.3 | 12.7 | 12.4 | 11.7 | 12.1 |
| 18 | 23.0 | 22.3 | 22.6 | 16.8 | 16.1 | 16.4 | 13.0 | 12.4 | 12.6 | --- | --- | --- |
| 19 | 23.3 | 22.6 | 22.9 | 17.2 | 16.3 | 16.6 | 12.5 | 12.1 | 12.4 | --- | --- | --- |
| 20 | 23.5 | 22.9 | 23.2 | 17.3 | 16.6 | 16.8 | 12.2 | 11.0 | 11.5 | --- | --- | --- |
| 21 | 23.3 | 23.0 | 23.2 | 17.4 | 16.8 | 17.1 | 11.5 | 10.3 | 11.0 | --- | --- | --- |
| 22 | 23.1 | 22.5 | 22.9 | 17.6 | 17.1 | 17.3 | 11.4 | 10.6 | 11.0 | 10.5 | 9.8 | 10.1 |
| 23 | 22.9 | 22.3 | 22.5 | 17.9 | 17.3 | 17.5 | 11.9 | 11.2 | 11.5 | 10.3 | 9.3 | 9.8 |
| 24 | 22.4 | 21.8 | 22.1 | 18.1 | 17.5 | 17.8 | 11.8 | 11.2 | 11.5 | 9.4 | 8.3 | 9.0 |
| 25 | 22.0 | 21.7 | 21.9 |  | --- | --- | 11.3 | 10.4 | 10.9 | 9.1 | 8.3 | 8.8 |
| 26 | 21.7 | 21.4 | 21.6 | 17.6 | 16.8 | 17.3 | --- | --- | --- | 9.2 | 8.5 | 8.9 |
| 27 | 21.5 | 21.0 | 21.2 | 17.1 | 16.3 | 16.7 | --- | --- | --- | 9.3 | 8.9 | 9.1 |
| 28 | 21.1 | 20.8 | 21.0 | 16.8 | 16.2 | 16.6 | --- | --- | --- | 9.0 | 8.1 | 8.7 |
| 29 | 21.0 | 20.7 | 20.9 | 16.5 | 15.9 | 16.3 | --- | --- | --- | 8.4 | 7.6 | 8.1 |
| 30 | 21.4 | 20.7 | 21.1 | 16.5 | 15.9 | 16.2 | --- | --- | --- | 8.1 | 7.5 | 7.9 |
| 31 | 21.7 | 21.1 | 21.4 |  | --- | --- | --- | --- | --- | 8.1 | 7.4 | 7.8 |
| MONTH | 26.4 | 20.7 | 23.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Temperature, water, degrees Celsius |  |  |  |  |  |  |  |  |  |  |  |  |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 8.0 | 7.5 | 7.7 | 12.1 | 11.1 | 11.9 | 17.0 | 16.2 | 16.5 | 19.9 | 19.0 | 19.3 |
| 2 | 7.8 | 7.4 | 7.6 | 12.0 | 11.0 | 11.4 | 17.2 | 16.1 | 16.6 | --- | --- | --- |
| 3 | --- | --- | --- | 11.7 | 10.8 | 11.2 | 16.7 | 15.6 | 16.2 | --- | --- | --- |
| 4 | 8.1 | 7.4 | 7.7 | 12.0 | 10.6 | 11.3 | 17.2 | 15.5 | 16.4 | --- | --- | --- |
| 5 | 8.1 | 7.5 | 7.8 | 11.9 | 10.9 | 11.4 | 17.5 | 16.0 | 16.6 | --- | --- | --- |
| 6 | 8.3 | 7.5 | 8.0 | 12.0 | 10.9 | 11.5 | 17.8 | 16.5 | 17.0 | --- | --- | --- |
| 7 | 8.6 | 7.9 | 8.2 | 12.3 | 11.3 | 11.8 | 17.7 | 17.1 | 17.4 | --- | --- | --- |
| 8 | 8.8 | 8.3 | 8.5 | 12.3 | 11.9 | 12.1 | 18.3 | 17.4 | 17.8 | --- | --- | --- |
| 9 | 9.0 | 8.7 | 8.8 | 12.1 | 11.7 | 11.9 | 18.3 | 17.6 | 18.0 | --- | --- | --- |
| 10 | --- | --- | --- | 12.2 | 11.5 | 11.8 | 18.5 | 17.5 | 18.0 | --- | --- | --- |
| 11 | 9.4 | 8.9 | 9.1 | 12.2 | 11.6 | 11.9 | 18.8 | 17.8 | 18.2 | --- | --- | --- |
| 12 | 9.5 | 8.8 | 9.1 | 12.3 | 11.5 | 11.9 | 18.8 | 18.2 | 18.5 | --- | --- | --- |
| 13 | 9.6 | 9.1 | 9.3 | 12.8 | 11.9 | 12.3 | 19.2 | 18.5 | 18.7 | --- | --- | --- |
| 14 | 10.0 | 9.3 | 9.7 | 13.2 | 12.5 | 12.7 | 18.5 | 17.7 | 18.3 | --- | --- | --- |
| 15 | 10.8 | 9.7 | 10.1 | 13.3 | 12.6 | 12.9 | 18.4 | 17.4 | 17.9 | --- | --- | --- |
| 16 | 11.5 | 10.1 | 10.7 | 12.9 | 12.6 | 12.8 | 17.9 | 17.0 | 17.4 | --- | --- | --- |
| 17 | 11.4 | 10.7 | 11.1 | 12.6 | 12.0 | 12.3 | 18.2 | 16.4 | 17.2 | --- | --- | --- |
| 18 | 11.0 | 10.3 | 10.7 | 12.3 | 11.5 | 12.0 | , | , | , | --- | --- | --- |
| 19 | 11.5 | 10.3 | 10.8 | 12.9 | 11.6 | 12.2 | --- | --- | --- | --- | --- | --- |
| 20 | 11.6 | 10.6 | 10.9 | 14.0 | 11.9 | 12.6 | --- | --- | --- | --- | --- | --- |
| 21 | 11.8 | 10.9 | 11.3 | 13.9 | 12.4 | 12.9 | --- | --- | --- | --- | --- | --- |
| 22 | 12.2 | 11.3 | 11.7 | 13.4 | 12.7 | 13.0 | 19.3 | 18.2 | 18.6 | --- | --- |  |
| 23 | 12.7 | 11.8 | 12.1 | 14.4 | 13.1 | 13.6 | 19.4 | 18.6 | 18.9 | --- | --- | --- |
| 24 | 12.7 | 12.3 | 12.5 | 14.7 | 13.6 | 14.1 | 18.8 | 17.8 | 18.4 | --- | --- | --- |
| 25 | 12.6 | 12.1 | 12.4 | 14.4 | 14.0 | 14.3 | 18.5 | 17.6 | 18.0 | - | --- | --- |
| 26 | 12.6 | 11.9 | 12.2 | 14.9 | 14.2 | 14.5 | 18.2 | 17.6 | 18.0 | - | --- | --- |
| 27 | 12.3 | 11.7 | 12.1 | 15.2 | 14.6 | 14.9 | 18.7 | 17.8 | 18.2 | --- | --- | --- |
| 28 | 12.2 | 11.7 | 11.9 | 15.7 | 15.0 | 15.4 | --- | --- | --- | --- | --- | --- |
| 29 | --- | --- | - | 16.1 | 15.0 | 15.5 | 19.1 | 18.2 | 18.6 | --- | --- | --- |
| 30 | --- | --- | --- | 16.5 | 15.5 | 16.0 | 19.4 | 18.5 | 18.9 | --- | --- | --- |
| 31 | --- | --- | --- | 16.9 | 15.7 | 16.3 | --- | --- | --- | --- | --- | --- |
| MONTH | --- | --- | --- | 16.9 | 10.6 | 12.9 | --- | --- | --- | --- | --- | --- |

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

| Temperature, water, degrees Celsius TER YEAR OCTOBER 2004 TO SEPTEMBER 2005 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 25.8 | 25.1 | 25.4 | 22.0 | 21.4 | 21.6 | 16.5 | 16.0 | 16.3 | 9.7 | 9.4 | 9.5 |
| 2 | 26.1 | 25.5 | 25.7 | 22.3 | 21.7 | 21.9 | 16.2 | 15.7 | 16.1 | 10.0 | 9.6 | 9.8 |
| 3 | 26.1 | 25.7 | 25.9 | 22.4 | 22.0 | 22.2 | 16.1 | 15.5 | 15.9 | 10.5 | 9.9 | 10.1 |
| 4 | 26.1 | 25.8 | 25.9 | --- | --- | --- | 15.9 | 15.5 | 15.7 | 10.7 | 10.3 | 10.5 |
| 5 | 26.0 | 25.7 | 25.9 | 22.6 | 22.1 | 22.4 | 15.8 | 15.3 | 15.6 | 11.1 | 10.6 | 10.8 |
| 6 | 25.9 | 25.5 | 25.8 | 22.3 | 21.4 | 22.0 | 15.8 | 15.5 | 15.7 | 11.6 | 10.9 | 11.3 |
| 7 | 25.7 | 25.0 | 25.4 | --- | --- | --- | 16.3 | 15.7 | 15.9 | 12.0 | 11.5 | 11.7 |
| 8 | 25.4 | 24.0 | 24.7 | 21.7 | 21.2 | 21.4 | 16.5 | 16.0 | 16.3 | 12.7 | 11.8 | 12.2 |
| 9 | 24.9 | 24.1 | 24.5 | 21.4 | 20.3 | 20.8 | 16.9 | 16.3 | 16.6 | 13.0 | 12.3 | 12.7 |
| 10 | 24.5 | 24.0 | 24.3 | 20.6 | 19.0 | 19.7 | 17.3 | 16.7 | 17.0 | 13.4 | 12.7 | 13.0 |
| 11 | 24.5 | 23.9 | 24.2 | 19.6 | 18.3 | 19.1 | 17.1 | 16.4 | 16.8 | 13.5 | 13.0 | 13.3 |
| 12 | 24.5 | 23.8 | 24.2 | 19.4 | 18.2 | 19.0 | 16.6 | 15.4 | 15.9 | 13.7 | 13.3 | 13.5 |
| 13 | 24.6 | 24.1 | 24.3 | 19.4 | 18.3 | 18.9 | 15.9 | 14.8 | 15.4 | 14.2 | 13.6 | 13.8 |
| 14 | 24.3 | 23.6 | 23.9 | 18.7 | 17.0 | 17.9 | 15.3 | 14.1 | 14.7 | --- | --- | - |
| 15 | 23.9 | 23.0 | 23.5 | 17.6 | 15.6 | 16.9 | 14.4 | 12.8 | 13.7 | --- | --- | --- |
| 16 | 23.2 | 21.9 | 22.7 | 17.0 | 15.5 | 16.5 | 13.3 | 12.1 | 12.9 | 13.3 | 12.4 | 12.9 |
| 17 | 22.7 | 21.7 | 22.3 | 16.7 | 15.8 | 16.3 | 12.9 | 12.1 | 12.6 | 12.5 | 11.7 | 12.1 |
| 18 | 22.6 | 22.1 | 22.4 | 16.7 | 16.0 | 16.3 | 12.8 | 12.3 | 12.6 | --- | --- | --- |
| 19 | 22.9 | 22.4 | 22.6 | 16.8 | 16.2 | 16.5 | 12.6 | 12.1 | 12.4 | --- | --- | --- |
| 20 | 23.2 | 22.7 | 23.0 | 17.1 | 16.6 | 16.8 | 12.4 | 11.1 | 11.6 | --- | --- | --- |
| 21 | 23.2 | 22.9 | 23.1 | 17.3 | 16.9 | 17.1 | 11.5 | 10.6 | 10.9 | --- | --- | --- |
| 22 | 23.0 | 22.8 | 22.8 | 17.6 | 17.2 | 17.3 | 11.6 | 10.8 | 11.0 | 10.3 | 9.8 | 10.0 |
| 23 | 22.8 | 22.1 | 22.4 | 17.9 | 17.4 | 17.6 | 11.9 | 11.1 | 11.4 | 10.3 | 9.4 | 9.8 |
| 24 | 22.3 | 21.6 | 21.9 | 18.2 | 17.6 | 17.9 | 11.7 | 11.3 | 11.6 | 9.6 | 8.3 | 9.0 |
| 25 | 21.8 | 21.4 | 21.7 | 18.2 | 17.7 | 18.0 | 11.4 | 10.7 | 11.0 | 9.0 | 8.3 | 8.7 |
| 26 | 21.6 | 21.1 | 21.4 | 17.9 | 17.2 | 17.5 | 10.8 | 9.6 | 10.1 | 9.2 | 8.5 | 8.8 |
| 27 | 21.3 | 20.8 | 21.1 | 17.3 | 16.3 | 16.8 | 9.9 | 8.7 | 9.4 | 9.3 | 8.9 | 9.1 |
| 28 | 21.1 | 20.8 | 21.0 | 16.8 | 16.4 | 16.7 | 9.4 | 8.4 | 9.0 | 9.1 | 8.2 | 8.7 |
| 29 | 21.0 | 20.6 | 20.9 | 16.6 | 16.0 | 16.4 | 9.3 | 8.3 | 9.0 | 8.4 | 7.2 | 8.0 |
| 30 | 21.3 | 20.7 | 21.0 | 16.4 | 15.8 | 16.3 | 9.4 | 8.8 | 9.1 | 8.0 | 7.2 | 7.7 |
| 31 | 21.6 | 21.1 | 21.3 | --- | --- | --- | 9.5 | 9.1 | 9.3 | 8.0 | 7.2 | 7.6 |
| MONTH | 26.1 | 20.6 | 23.4 | --- | --- | --- | 17.3 | 8.3 | 13.3 | --- | --- | --- |
| Temperature, water, degrees Celsius |  |  |  |  |  |  |  |  |  |  |  |  |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 7.8 | 7.3 | 7.6 | 12.1 | 11.7 | 11.9 | 16.7 | 16.3 | 16.4 | 19.4 | 18.9 | 19.1 |
| 2 | 7.7 | 7.3 | 7.5 | 11.8 | 11.1 | 11.5 | 16.8 | 16.4 | 16.7 | 20.1 | 19.2 | 19.6 |
| 3 | -- | --- | - | 11.5 | 10.8 | 11.2 | 16.5 | 15.9 | 16.2 | 20.4 | 19.6 | 19.9 |
| 4 | 7.9 | 7.4 | 7.6 | 11.4 | 10.8 | 11.0 | 17.1 | 15.8 | 16.2 | 20.6 | 19.9 | 20.2 |
| 5 | 8.1 | 7.6 | 7.8 | 11.7 | 11.0 | 11.2 | 17.5 | 16.0 | 16.5 | 20.3 | 19.8 | 20.1 |
| 6 | 8.4 | 7.8 | 8.0 | 11.9 | 11.2 | 11.4 | 17.9 | 16.4 | 17.0 | --- | --- | --- |
| 7 | 8.5 | 8.0 | 8.2 | 12.3 | 11.5 | 11.7 | 17.6 | 17.2 | 17.4 | --- | --- | --- |
| 8 | 8.9 | 8.3 | 8.5 | 12.3 | 11.9 | 12.1 | 18.4 | 17.3 | 17.7 | --- | --- | --- |
| 9 | 9.1 | 8.7 | 8.9 | 12.1 | 11.8 | 11.9 | 18.3 | 17.5 | 18.0 | --- | --- | --- |
| 10 | 9.6 | 9.0 | 9.2 | 12.1 | 11.4 | 11.8 | 18.4 | 17.3 | 17.9 | --- | --- | --- |
| 11 | 9.4 | 8.8 | 9.1 | 12.3 | 11.6 | 11.9 | 18.7 | 17.7 | 18.2 | 21.9 | 20.9 | 21.2 |
| 12 | 9.5 | 8.8 | 9.2 | 12.4 | 11.4 | 11.9 | 18.8 | 18.2 | 18.4 | 22.8 | 21.4 | 21.7 |
| 13 | 9.6 | 9.2 | 9.3 | 12.8 | 11.9 | 12.2 | 18.9 | 18.5 | 18.7 | 22.8 | 21.9 | 22.2 |
| 14 | 9.9 | 9.4 | 9.6 | 12.9 | 12.5 | 12.6 | 18.7 | 18.0 | 18.4 | 23.1 | 22.3 | 22.5 |
| 15 | 10.3 | 9.7 | 9.9 | 13.0 | 12.6 | 12.8 | 18.1 | 17.5 | 17.8 | 23.3 | 22.6 | 22.9 |
| 16 | 10.8 | 10.0 | 10.2 | 12.9 | 12.6 | 12.8 | 17.5 | 16.9 | 17.2 | 23.4 | 23.0 | 23.2 |
| 17 | 10.8 | 10.3 | 10.4 | 12.7 | 12.0 | 12.5 | 17.2 | 16.6 | 16.9 | 23.2 | 22.9 | 23.1 |
| 18 | 10.6 | 10.4 | 10.5 | 12.2 | 11.7 | 12.0 | --- | --- | --- | 23.4 | 22.7 | 23.0 |
| 19 | 10.7 | 10.4 | 10.5 | 12.0 | 11.5 | 11.8 | --- | --- | --- | 24.4 | 23.0 | 23.3 |
| 20 | 11.0 | 10.6 | 10.8 | 12.6 | 11.7 | 12.0 | --- | --- | --- | 24.0 | 23.4 | 23.6 |
| 21 | 11.5 | 10.8 | 11.1 | 13.1 | 12.2 | 12.5 | --- | --- | --- | 23.7 | 23.0 | 23.4 |
| 22 | 12.3 | 11.3 | 11.7 | 13.2 | 12.6 | 12.8 | 19.3 | 18.1 | 18.4 | 23.5 | 22.6 | 23.1 |
| 23 | 12.5 | 11.8 | 12.1 | 14.1 | 13.0 | 13.5 | 19.2 | 18.4 | 18.8 | 23.7 | 22.9 | 23.2 |
| 24 | 12.7 | 12.3 | 12.5 | 14.7 | 13.6 | 14.0 | 18.8 | 17.8 | 18.3 | 23.9 | 23.1 | 23.5 |
| 25 | 12.7 | 12.3 | 12.5 | 14.4 | 13.9 | 14.2 | 18.4 | 17.5 | 17.9 | 23.6 | 22.9 | 23.2 |
| 26 | 12.5 | 11.9 | 12.2 | 14.8 | 14.1 | 14.4 | 18.0 | 17.4 | 17.8 | 23.6 | 22.8 | 23.1 |
| 27 | 12.3 | 11.7 | 12.1 | 15.2 | 14.6 | 14.8 | 18.5 | 17.4 | 18.0 | 23.7 | 23.0 | 23.2 |
| 28 | 12.2 | 11.7 | 11.9 | 15.7 | 14.9 | 15.3 | --- | --- | --- | --- | --- | --- |
| 29 | --- | --- | --- | 16.0 | 14.9 | 15.4 | 18.8 | 18.0 | 18.3 | 24.2 | 23.7 | 23.9 |
| 30 | --- | - | --- | 16.5 | 15.3 | 15.7 | 19.4 | 18.4 | 18.8 | 24.2 | 23.9 | 24.0 |
| 31 | --- | --- | --- | 16.6 | 15.7 | 16.1 | --- | --- | --- | 24.0 | 23.9 | 24.0 |
| MONTH | --- | -- | --- | 16.6 | 10.8 | 12.8 | --- | --- | --- | --- | --- | --- |

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued
Temperature, water, degrees Celsius
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  |  | JULY |  |  | JGUST |  |  | SEPTEMBER |  |
| 1 | 23.9 | 23.6 | 23.7 | 28.6 | 27.4 | 27.8 | 30.4 | 29.3 | 29.9 | --- | --- | --- |
| 2 | 24.9 | 23.6 | 24.0 | 28.7 | 27.9 | 28.2 | 30.0 | 29.3 | 29.6 | --- | --- | --- |
| 3 | 24.7 | 23.9 | 24.3 | 29.3 | 28.2 | 28.6 | 30.3 | 29.2 | 29.6 | --- | --- | --- |
| 4 | 25.1 | 24.3 | 24.5 | 29.5 | 28.5 | 28.9 | 30.3 | 29.3 | 29.7 | --- | --- | --- |
| 5 | 25.1 | 24.6 | 24.8 | --- | --- | --- | 30.0 | 29.4 | 29.7 | --- | --- | --- |
| 6 | 26.0 | 24.7 | 25.1 | --- | --- | --- | 29.8 | 29.2 | 29.6 | --- | --- | --- |
| 7 | 26.6 | 25.2 | 25.6 | --- | --- | --- | 29.5 | 28.9 | 29.3 | --- | --- | --- |
| 8 | 26.9 | 25.8 | 26.1 | 29.9 | 28.8 | 29.1 | 29.3 | 28.7 | 29.1 | --- | --- | --- |
| 9 | 27.3 | 26.1 | 26.5 | 29.3 | 28.8 | 29.2 | 29.3 | 28.8 | 29.0 | --- | --- | --- |
| 10 | 27.2 | 26.6 | 26.8 | 29.2 | 28.6 | 29.0 | 29.5 | 28.8 | 29.1 | --- | --- | --- |
| 11 | 27.2 | 26.6 | 26.9 | 29.2 | 28.6 | 28.9 | 29.3 | 29.1 | 29.2 | --- | --- | --- |
| 12 | 27.3 | 26.7 | 27.0 | 29.5 | 28.7 | 28.9 | 29.3 | 29.1 | 29.2 | --- | --- | --- |
| 13 | 27.8 | 27.0 | 27.3 | 29.3 | 28.8 | 29.0 | 29.4 | 29.0 | 29.2 | --- | --- | --- |
| 14 | 27.9 | 27.3 | 27.5 | 29.3 | 28.7 | 29.0 | 29.6 | 29.2 | 29.3 | --- | --- | --- |
| 15 | 28.1 | 27.4 | 27.6 | --- | --- | --- | 30.0 | 29.3 | 29.5 | --- | --- | --- |
| 16 | 28.1 | 27.7 | 27.9 | 29.6 | 28.8 | 29.2 | 30.4 | 29.6 | 29.9 | --- | --- | --- |
| 17 | 28.4 | 27.4 | 27.9 | 29.7 | 29.0 | 29.3 | 30.7 | 29.8 | 30.1 | --- | --- | --- |
| 18 | 28.1 | 27.1 | 27.6 | 30.2 | 29.0 | 29.4 | 30.6 | 29.9 | 30.2 | --- | --- | --- |
| 19 | 27.6 | 26.5 | 27.1 | 30.3 | 29.0 | 29.5 | --- | --- | --- | --- | --- | --- |
| 20 | 27.0 | 26.2 | 26.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | 27.1 | 26.1 | 26.6 | 30.4 | 28.8 | 29.7 | --- | --- | --- | --- | --- | --- |
| 22 | 27.2 | 26.3 | 26.7 | 30.3 | 28.9 | 29.7 | --- | --- | --- | --- | --- | --- |
| 23 | 27.3 | 26.5 | 26.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | 27.4 | 26.7 | 27.1 | 30.4 | 29.1 | 29.8 | --- | --- | --- | --- | --- | --- |
| 25 | 27.1 | 26.2 | 26.9 | 30.5 | 29.2 | 29.9 | --- | --- | --- | --- | --- | - |
| 26 | 27.2 | 26.1 | 26.8 | 30.6 | 29.5 | 30.0 | --- | --- | --- | --- | --- | --- |
| 27 | 27.4 | 26.8 | 27.1 | 30.8 | 29.8 | 30.2 | --- | --- | --- | --- | --- | --- |
| 28 | 27.3 | 27.1 | 27.2 | 30.7 | 30.0 | 30.4 | --- | --- | --- | --- | --- | --- |
| 29 | 27.3 | 27.0 | 27.1 | 31.0 | 30.3 | 30.6 | --- | --- | --- | --- | --- | --- |
| 30 | 28.0 | 27.1 | 27.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | --- | - | - | 30.7 | 29.8 | 30.3 | -- | -- | --- | --- | --- | --- |
| MONTH | 28.4 | 23.6 | 26.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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

| Temperature, water, degrees Celsius TER YEAR OCTOBER 2004 TO SEPTEMBER 2005 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 25.8 | 25.1 | 25.3 | 21.9 | 21.3 | 21.6 | 16.3 | 15.8 | 16.1 | 9.7 | 9.3 | 9.5 |
| 2 | 26.0 | 25.5 | 25.7 |  |  |  | 16.1 | 15.6 | 15.9 | 10.0 | 9.6 | 9.7 |
| 3 | 26.0 | 25.6 | 25.8 | --- | --- | --- | 15.9 | 15.4 | 15.7 | 10.5 | 9.9 | 10.1 |
| 4 | 26.0 | 25.7 | 25.9 | --- | --- | --- | 15.7 | 15.3 | 15.5 | 10.7 | 10.2 | 10.4 |
| 5 | 25.9 | 25.6 | 25.8 | 22.5 | 21.8 | 22.2 | 15.6 | 15.2 | 15.5 | --- | --- | --- |
| 6 | 25.8 | 25.4 | 25.7 | 22.1 | 21.4 | 21.9 | 15.6 | 15.4 | 15.5 | 11.5 | 10.8 | 11.2 |
| 7 | 25.6 | 24.9 | 25.3 | --- | --- | --- | 16.1 | 15.6 | 15.8 | 12.0 | 11.4 | 11.7 |
| 8 | 25.2 | 23.9 | 24.7 | 21.6 | 21.1 | 21.3 | 16.4 | 15.9 | 16.1 | 12.7 | 11.7 | 12.2 |
| 9 | 24.8 | 23.9 | 24.4 | --- | --- | --- | 16.8 | 16.2 | 16.5 | 13.0 | 12.3 | 12.6 |
| 10 | 24.5 | 23.9 | 24.2 | 20.5 | 18.9 | 19.6 | 17.2 | 16.6 | 16.9 | 13.4 | 12.7 | 13.0 |
| 11 | 24.4 | 23.8 | 24.1 | 19.5 | 18.2 | 19.0 | 16.9 | 16.3 | 16.7 | 13.5 | 13.0 | 13.3 |
| 12 | 24.4 | 23.8 | 24.1 | 19.5 | 18.1 | 18.9 | 16.4 | 15.2 | 15.8 | 13.7 | 13.3 | 13.4 |
| 13 | 24.5 | 24.0 | 24.2 | 19.2 | 18.1 | 18.8 | 15.8 | 14.7 | 15.3 | 14.2 | 13.6 | 13.8 |
| 14 | --- | --- | --- | 18.5 | 16.8 | 17.7 | 15.3 | 13.9 | 14.6 | -- | -- | --- |
| 15 | --- | --- | --- | 17.5 | 15.4 | 16.7 | 14.3 | 12.6 | 13.5 | --- | --- | --- |
| 16 | 23.2 | 21.8 | 22.5 | 16.8 | 15.3 | 16.3 | 13.2 | 11.9 | 12.7 | --- | --- | --- |
| 17 | 22.6 | 21.6 | 22.2 | 16.6 | 15.6 | 16.2 | 12.8 | 12.0 | 12.5 | --- | --- | --- |
| 18 | 22.5 | 21.8 | 22.1 | 16.5 | 15.8 | 16.2 | 12.7 | 12.1 | 12.4 | --- | --- | --- |
| 19 | 22.8 | 22.0 | 22.5 | 16.7 | 16.1 | 16.4 | 12.5 | 12.0 | 12.3 | --- | --- | --- |
| 20 | 23.1 | 22.7 | 22.9 | 16.9 | 16.5 | 16.6 | 12.2 | 11.0 | 11.5 | --- | --- | --- |
| 21 | 23.1 | 22.9 | 23.0 | 17.1 | 16.8 | 16.9 | 11.1 | 10.4 | 10.8 | --- | --- | --- |
| 22 | 22.9 | 22.7 | 22.8 | 17.5 | 17.0 | 17.2 | 11.1 | 10.7 | 10.9 | 10.3 | 9.7 | 10.0 |
| 23 | 22.7 | 21.8 | 22.1 | 17.8 | 17.2 | 17.4 | 11.8 | 11.0 | 11.4 | 10.2 | 9.4 | 9.8 |
| 24 | 22.1 | 21.5 | 21.8 | 18.0 | 17.5 | 17.7 | 11.7 | 11.3 | 11.5 | 9.6 | 8.2 | 8.9 |
| 25 | 21.8 | 21.3 | 21.6 | 18.0 | 17.6 | 17.9 | 11.5 | 10.7 | 11.0 | 9.0 | 8.3 | 8.7 |
| 26 | 21.6 | 21.0 | 21.3 | 17.8 | 17.1 | 17.3 | 10.8 | 9.5 | 10.1 | 9.1 | 8.4 | 8.7 |
| 27 | 21.3 | 20.7 | 21.0 | 17.2 | 16.1 | 16.6 | 9.8 | 8.6 | 9.4 | 9.2 | 8.9 | 9.0 |
| 28 | 21.1 | 20.7 | 20.9 | 16.7 | 16.2 | 16.5 | 9.4 | 8.3 | 9.0 | 9.1 | 8.1 | 8.7 |
| 29 | 21.0 | 20.5 | 20.8 | 16.5 | 15.8 | 16.2 | 9.3 | 8.2 | 8.9 | 8.4 | 7.0 | 7.9 |
| 30 | 21.3 | 20.6 | 20.9 | 16.3 | 15.6 | 16.1 | 9.3 | 8.7 | 9.0 | 7.9 | 7.0 | 7.6 |
| 31 | 21.5 | 21.0 | 21.2 | --- | --- | --- | 9.4 | 9.1 | 9.2 | --- | --- | --- |
| MONTH | --- | --- | --- | --- | --- | --- | 17.2 | 8.2 | 13.2 | --- | --- | --- |
| Temperature, water, degrees Celsius |  |  |  |  |  |  |  |  |  |  |  |  |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| FEBRUARY |  |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 7.7 | 7.3 | 7.5 | 12.2 | 11.8 | 12.0 | --- | --- | --- | --- | --- | --- |
| 2 | 7.5 | 7.3 | 7.4 | 12.0 | 11.2 | 11.6 | --- | --- | --- | --- | --- | --- |
| 3 | - | - | --- | 11.6 | 10.9 | 11.2 | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | 11.3 | 10.9 | 11.1 | --- | --- | --- | --- | --- | --- |
| 5 | 8.0 | 7.6 | 7.7 | 11.7 | 11.1 | 11.3 | --- | --- | --- | --- | --- | --- |
| 6 | 8.3 | 7.7 | 7.9 | 12.0 | 11.3 | 11.5 | --- | --- | --- | --- | --- | --- |
| 7 | 8.5 | 7.9 | 8.1 | 12.4 | 11.6 | 11.8 | --- | --- | --- | --- | --- | --- |
| 8 | 8.8 | 8.2 | 8.4 | 12.4 | 12.0 | 12.2 | --- | --- | --- | --- | --- | --- |
| 9 | 9.2 | 8.6 | 8.9 | 12.2 | 11.9 | 12.0 | --- | --- | --- | --- | --- | --- |
| 10 | 9.6 | 9.1 | 9.3 | 12.2 | 11.4 | 11.9 | --- | --- | --- | --- | --- | --- |
| 11 | 9.5 | 8.9 | 9.2 | 12.4 | 11.7 | 12.0 | --- | --- | --- | --- | --- | --- |
| 12 | 9.6 | 8.9 | 9.2 | 12.6 | 11.5 | 11.9 | --- | --- | --- | --- | --- | --- |
| 13 | 9.7 | 9.3 | 9.4 | 12.8 | 12.0 | 12.3 | --- | --- | --- | --- | --- | --- |
| 14 | 9.9 | 9.5 | 9.7 | 12.9 | 12.6 | 12.7 | --- | --- | --- | --- | --- | --- |
| 15 | 10.4 | 9.8 | 10.0 | 13.1 | 12.7 | 12.8 | --- | --- | --- | --- | --- | --- |
| 16 | 10.3 | 10.1 | 10.2 | 13.0 | 12.7 | 12.9 | 17.4 | 16.7 | 17.2 | --- | --- | --- |
| 17 | 10.6 | 10.3 | 10.5 | 12.8 | 12.2 | 12.6 | 17.2 | 16.6 | 16.9 | --- | --- | --- |
| 18 | 10.6 | 10.5 | 10.5 | 12.3 | 11.8 | 12.1 | -- | -- | -- | --- | --- | --- |
| 19 | 10.8 | 10.5 | 10.6 | 12.2 | 11.5 | 11.8 | --- | --- | --- | --- | --- | --- |
| 20 | 11.0 | 10.6 | 10.8 | 12.5 | 11.7 | 12.0 | - | --- | --- | --- | --- | --- |
| 21 | 11.6 | 10.8 | 11.1 | 12.9 | 12.1 | 12.5 | --- | --- | --- | --- | --- | --- |
| 22 | 12.4 | 11.3 | 11.7 | 13.3 | 12.6 | 12.9 | -- | -- | --- | - | --- | --- |
| 23 | 12.7 | 11.9 | 12.1 | 14.2 | 13.1 | 13.5 | -- | -- | --- | --- | --- | --- |
| 24 | 12.8 | 12.4 | 12.6 | 14.8 | 13.7 | 14.1 | --- | --- | --- | --- | --- | --- |
| 25 | 12.8 | 12.4 | 12.6 | 14.5 | 14.0 | 14.3 | --- | --- | --- | --- | --- | --- |
| 26 | 12.6 | 12.0 | 12.3 | 14.9 | 14.1 | 14.5 | --- | --- | --- | --- | --- | --- |
| 27 | 12.4 | 11.8 | 12.2 | 15.2 | 14.6 | 14.9 | --- | --- | -- | -- | -- | - |
| 28 | 12.3 | 11.7 | 12.0 | 15.9 | 15.0 | 15.4 | -- | --- | --- | --- | --- | --- |
| 29 | --- | --- | , |  | , | --- | --- | --- | --- | --- | --- | --- |
| 30 | -- | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | --- | --- | --- | - | -- | --- | --- | --- | --- | --- | --- | --- |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | -- | -- | --- | --- |

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

| Dissolved oxygen, water, unfiltered, milligrams per liter WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 6.0 | 5.6 | 5.8 | 7.0 | 6.4 | 6.7 | 8.1 | 7.6 | 7.8 | 9.5 | 9.2 | 9.3 |
| 2 | 5.9 | 5.4 | 5.6 | 7.3 | 6.6 | 6.9 | 8.3 | 7.7 | 7.9 | 9.6 | 9.3 | 9.4 |
| 3 | 5.9 | 5.1 | 5.5 | 7.4 | 7.0 | 7.1 | 8.5 | 7.7 | 8.1 | 9.8 | 9.3 | 9.5 |
| 4 | 5.7 | 5.2 | 5.4 | --- | --- | - | 8.4 | 7.8 | 8.1 | 9.8 | 9.4 | 9.6 |
| 5 | 5.9 | 5.1 | 5.4 | --- | --- | --- | 8.5 | 7.8 | 8.0 | 9.6 | 9.2 | 9.4 |
| 6 | 6.2 | 5.2 | 5.5 | --- | --- | --- | 8.3 | 7.6 | 7.9 | 9.4 | 9.0 | 9.2 |
| 7 | 6.5 | 5.4 | 5.8 | --- | --- | --- | 8.2 | 7.5 | 7.9 | 9.4 | 8.7 | 9.1 |
| 8 | 6.5 | 5.6 | 6.0 | --- | --- | --- | 8.2 | 7.6 | 7.8 | 9.1 | 8.4 | 8.9 |
| 9 | 6.4 | 5.6 | 6.0 | --- | --- | --- | 8.1 | 7.6 | 7.8 | 8.9 | 8.2 | 8.7 |
| 10 | 6.2 | 5.7 | 5.9 | --- | --- | --- | 8.2 | 7.7 | 7.9 | 8.7 | 8.0 | 8.4 |
| 11 | 6.2 | 5.6 | 5.9 | --- | --- | --- | 8.0 | 7.5 | 7.9 | 8.4 | 7.9 | 8.3 |
| 12 | 6.2 | 5.5 | 5.9 | --- | --- | --- | 8.0 | 7.6 | 7.9 | 8.2 | 7.8 | 8.1 |
| 13 | 6.1 | 5.5 | 5.8 | 7.1 | 6.6 | 6.9 | 8.2 | 7.7 | 7.9 | 8.0 | 7.7 | 7.9 |
| 14 | 6.2 | 5.5 | 5.9 | 7.6 | 6.9 | 7.3 | 8.4 | 7.9 | 8.1 | --- | -- | -- |
| 15 | --- | --- | --- | 7.8 | 7.3 | 7.5 | 8.4 | 7.9 | 8.1 | --- | --- | --- |
| 16 | --- | --- | --- | 7.7 | 7.3 | 7.5 | --- | --- | --- | 8.8 | 8.4 | 8.6 |
| 17 | --- | --- | --- | 7.7 | 7.4 | 7.6 | --- | --- | --- | 9.0 | 8.4 | 8.7 |
| 18 | --- | --- | --- | 8.0 | 7.5 | 7.6 | --- | --- | --- | --- | --- | -- |
| 19 | --- | --- | --- | 8.2 | 7.5 | 7.7 | --- | --- | -- | 9.2 | 8.9 | 9.0 |
| 20 | --- | - | --- | 8.2 | 7.5 | 7.7 | --- | --- | --- | --- | --- | -- |
| 21 | --- | --- | --- | 7.9 | 7.3 | 7.6 | --- | --- | --- | --- | --- | --- |
| 22 | - | - | --- | 7.8 | 7.3 | 7.5 | --- | --- | --- | 9.5 | 9.2 | 9.3 |
| 23 | --- | --- | --- | 7.6 | 7.2 | 7.4 | 8.7 | 8.5 | 8.6 | 9.6 | 9.2 | 9.4 |
| 24 | - | --- | --- | 7.6 | 7.1 | 7.3 | 8.7 | 8.5 | 8.6 | 9.8 | 9.5 | 9.6 |
| 25 | --- | --- | --- | 7.7 | 7.1 | 7.5 | 8.6 | 8.3 | 8.5 | 9.9 | 9.6 | 9.7 |
| 26 | --- | --- | --- | 7.8 | 7.3 | 7.6 | 8.8 | 8.5 | 8.6 | 9.9 | 9.6 | 9.8 |
| 27 | -- | -- |  | 7.8 | 7.4 | 7.6 | 9.0 | 8.6 | 8.8 | 10.0 | 9.6 | 9.8 |
| 28 | 6.2 | 5.6 | 5.9 | 7.8 | 7.4 | 7.6 | 9.1 | 8.8 | 9.0 | 10.1 | 9.7 | 9.9 |
| 29 | 6.4 | 5.8 | 6.1 | 8.0 | 7.5 | 7.7 | 9.3 | 8.9 | 9.1 | 10.1 | 9.8 | 10.0 |
| 30 | 6.5 | 5.8 | 6.2 | 7.9 | 7.5 | 7.7 | 9.4 | 9.1 | 9.2 | 10.2 | 9.8 | 10.0 |
| 31 | 6.8 | 6.1 | 6.4 | --- | --- | --- | 9.3 | 9.1 | 9.2 | 10.4 | 10.0 | 10.2 |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DAY | MAX | MIN | Dissolved MEAN | oxyge MAX | water, MIN | unfilt <br> MEAN | $\begin{aligned} & \text { mill } \\ & \text { MAX } \end{aligned}$ | MIN | liter MEAN | MAX | MIN | MEAN |
|  |  | FEBRUARY |  |  | MARCH |  |  | RIL |  |  | MAY |  |
|  | 10.5 | 10.1 | 10.3 | 9.4 | 8.9 | 9.1 | 8.2 | 7.5 | 7.8 | 7.8 | 6.6 | 7.2 |
| 2 | 10.5 | 10.1 | 10.3 | 9.8 | 9.0 | 9.4 | 8.1 | 7.6 | 7.8 | -- | --- | -- |
| 3 | 10.4 | 10.1 | 10.2 | 10.0 | 9.1 | 9.5 | 8.4 | 7.8 | 8.0 | --- | --- | --- |
| 4 | 10.6 | 10.0 | 10.2 | 10.1 | 9.2 | 9.6 | 8.7 | 7.8 | 8.1 | -- | --- | -- |
| 5 | 10.5 | 10.0 | 10.3 | 9.9 | 9.3 | 9.6 | 8.6 | 7.7 | 8.0 | --- | --- | --- |
| 6 | 10.6 | 10.0 | 10.3 | 9.9 | 9.2 | 9.5 | 8.4 | 7.7 | 8.0 | -- | -- | --- |
| 7 | 10.6 | 10.0 | 10.3 | 9.8 | 9.2 | 9.4 | 8.0 | 7.6 | 7.8 | - | --- | --- |
| 8 | 10.6 | 10.0 | 10.3 | 9.4 | 8.8 | 9.2 | 7.8 | 7.3 | 7.6 | --- | --- | --- |
| 9 | 10.5 | 9.9 | 10.2 | 9.3 | 8.7 | 9.1 | 7.7 | 7.0 | 7.4 | --- | --- | --- |
| 10 | 10.4 | 9.8 | 10.1 | 9.6 | 8.9 | 9.2 | 7.7 | 7.1 | 7.4 | --- | --- | --- |
| 11 | 10.4 | 9.8 | 10.1 | 9.7 | 9.2 | 9.5 | 7.6 | 7.0 | 7.4 | -- | - | --- |
| 12 | 10.6 | 9.8 | 10.2 | 10.0 | 9.4 | 9.6 | 7.6 | 6.8 | 7.2 | --- | --- | --- |
| 13 | 10.8 | 10.0 | 10.3 | 10.1 | 9.6 | 9.8 | 7.6 | 6.8 | 7.2 | --- | --- | --- |
| 14 | 10.8 | 10.1 | 10.4 | 10.3 | 9.5 | 9.8 | 7.5 | 7.0 | 7.2 | -- | -- | --- |
| 15 | 11.2 | 10.1 | 10.5 | 10.4 | 9.5 | 10.0 | 7.8 | 6.9 | 7.3 | --- | -- | -- |
| 16 | 11.0 | 10.2 | 10.6 | 10.0 | 9.6 | 9.8 | 7.5 | 6.8 | 7.1 | -- | -- | - |
| 17 | 10.9 | 10.3 | 10.5 | 9.8 | 9.5 | 9.6 | 7.8 | 6.8 | 7.2 | - | --- | --- |
| 18 | 10.6 | 10.0 | 10.3 | 10.1 | 9.4 | 9.7 | --- | -- | -- | --- | --- | --- |
| 19 | 10.5 | 9.9 | 10.2 | 10.1 | 9.4 | 9.8 | --- | --- | --- | -- | - | --- |
| 20 | 10.4 | 9.8 | 10.1 | 10.3 | 9.4 | 9.8 | --- | --- | --- | --- | --- | -- |
| 21 | 10.0 | 9.6 | 9.8 | --- | --- | --- | --- | -- | --- | --- | --- | --- |
| 22 | 9.8 | 9.4 | 9.6 | --- | --- | --- | 7.5 | 6.6 | 7.1 | --- | --- | --- |
| 23 | 9.6 | 9.2 | 9.4 | --- | --- | --- | 7.4 | 6.8 | 7.1 | --- | --- | --- |
| 24 | 9.3 | 8.9 | 9.2 | --- | --- | --- | 7.5 | 6.9 | 7.2 | -- | --- | --- |
| 25 | 9.3 | 8.9 | 9.1 | --- | --- | --- | 7.8 | 7.0 | 7.3 | --- | --- | --- |
| 26 | 9.3 | 8.8 | 9.1 | --- | - | - | 7.6 | 6.8 | 7.3 | --- | --- | --- |
| 27 | 9.1 | 8.8 | 9.0 | --- | --- | --- | 7.9 | 7.3 | 7.6 | -- | --- | --- |
| 28 | 9.2 | 8.8 | 9.0 | --- | --- | --- | 8.0 | 7.3 | 7.7 | --- | --- | - |
| 29 | --- | --- | --- | -- | --- | --- | 8.7 | 7.5 | 8.1 | --- | --- | --- |
| $30$ | --- | --- | --- | 8.2 | 7.6 | 7.9 | 8.1 | 7.4 | 7.8 | - | --- | --- |
| 31 | --- | --- | - | 8.1 | 7.6 | 7.9 | --- | --- | --- | --- | -- | -- |
| MONTH | 11.2 | 8.8 | 10.0 | --- | --- | --- | --- | --- | --- | --- | --- | -- |

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 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  |  | JULY |  |  | GUST |  |  | SEPTEMBER |  |
| 1 | --- | --- | --- | 5.8 | 3.8 | 4.7 | 5.1 | 3.0 | 3.8 | --- | --- | --- |
| 2 | --- | --- | --- | 5.8 | 4.0 | 4.9 | --- | --- | --- | -- | -- | - |
| 3 | - | - | --- | 6.1 | 3.8 | 4.9 | --- | --- | --- | --- | --- | --- |
| 4 | -- | - | - | 6.1 | 3.6 | 4.8 | --- | --- | --- | -- | -- | --- |
| 5 | -- | -- | -- | --- | --- | --- | --- | --- | -- | -- | --- | --- |
| 6 | -- | -- | - | --- | --- | --- | --- | --- | -- | --- | --- | --- |
| 7 |  | --- | --- | --- | --- | --- | --- | -- | -- | -- | --- | -- |
| 8 | --- | --- | --- | 6.2 | 3.4 | 4.5 | -- | -- | -- | -- | --- | --- |
| 9 | --- | --- | --- | 5.2 | 3.6 | 4.4 | --- | - | --- | --- | --- | --- |
| 10 | --- | --- | --- | 5.3 | 3.3 | 4.3 | --- | -- | --- | --- | -- | -- |
| 11 | --- | --- | --- | 5.4 | 3.5 | 4.3 | --- | --- | -- | -- | --- | --- |
| 12 | -- | -- | - | 6.1 | 3.4 | 4.4 | --- | - | --- | --- | -- | --- |
| 13 | - | --- | --- | 5.5 | 3.5 | 4.7 | --- | --- | --- | --- | --- | --- |
| 14 | --- | - | --- | 5.5 | 3.7 | 4.8 | --- | --- | --- | --- | -- | --- |
| 15 | --- | -- | -- | --- | --- | --- | --- | -- | --- | --- | -- | -- |
| 16 | -- | -- | --- | 6.1 | 4.0 | 4.9 | --- | --- | --- | --- | --- | --- |
| 17 | 6.3 | 4.0 | 5.1 | --- | --- | --- | --- | - | - | -- | --- | --- |
| 18 | --- | --- | --- | --- | --- | --- | 7.8 | 3.7 | 5.3 | --- | --- | --- |
| 19 | --- | --- | --- | --- | --- | --- | --- | -- | -- | -- | --- | --- |
| 20 | --- | --- | --- | --- | --- | --- | --- | -- | - | -- | --- | --- |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- |
| 22 | --- | -- | - | 5.6 | 3.6 | 4.4 | - | -- | -- | -- | --- | --- |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- |
| 24 | 5.6 | 3.7 | 4.5 | 5.2 | 3.0 | 4.1 | --- | --- | -- | -- | --- | --- |
| 25 | 4.9 | 3.7 | 4.3 | 5.0 | 3.0 | 4.0 | --- | --- | --- | --- | --- | --- |
| 26 | 4.8 | 3.6 | 4.1 | 4.9 | 3.1 | 4.0 | -- | -- | -- | -- | --- | --- |
| 27 | --- | --- | --- | 4.9 | 3.3 | 4.1 | --- | --- | --- | --- | --- | --- |
| 28 | --- | -- | - | 4.9 | 3.2 | 4.0 | --- | --- | --- | -- | --- | --- |
| 29 | --- | --- | --- | 5.3 | 3.0 | 4.0 | - | - | --- | -- | --- | --- |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | --- | --- | --- | 5.2 | 3.1 | 3.9 | -- | --- | --- | --- | -- - | - |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | - |

