PERIOD OF RECORD.--Water years 1992 to 1995, 2004 to current year.
PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (TOP) : July 1992 to September 1995, March 2004 to May 2005 (discontinued).
SPECIFIC CONDUCTANCE (MIDDLE) : May 2005 to Septemeber 2005
SPECIFIC CONDUCTANCE (BOTTOM) : July 1992 to September 1994, March 2004 to May 2004 (discontinued).
SALINITY (TOP) : March 1993 to September 1995 (discontinued).
SALINITY (BOTTOM) : April 1993 to September 1994 (discontinued).
WATER TEMPERATURE (TOP) : July 1992 to September 1995, March 2004 to May 2005 (discontinued).
WATER TEMPERATURE (MIDDLE) : May 2005 to September 2005.
WATER TEMPERATURE (BOTTOM) : July 1992 to September 1994, March 2004 to May 2005 (discontinued).
DISSOLVED OXYGEN (TOP) : July 1992 to September 1995, March 2004 to May 2005 (discontinued).
DISSOLVED OXYGEN (MIDDLE) : May 2005 to September 2005.
DISSOLVED OXYGEN (BOTTOM) : July 1992 to September 1994, March 2004 to May 2005 (discontinued).
INSTRUMENTATION.--Water-quality multiprobe and data collection platform.
REMARKS.--Specific conductance (top) records rated excellent except for Dec. 13-20, Dec. 29 to Jan. 6, Apr. 12-15, which are
good. Specific Conductance (middle) records rated excellent. Specific conductance (bottom) rated excellent except for Dec.
$14-19$, Dec. 28 to Jan. 6, Jan. 17-25, Feb. 5-8, Feb. 24 to Mar. 10, which are good. Temperature (top) records rated excellent
except for Mar. 10-30, which are poor. Temperature (middle) records rated excellent. Temperature (bottom) records rated
excellent. Dissolved oxygen (top) records rated excellent except forOct. 19-25, Dec. 28 to Jan. 2, Feb. 4-8, Feb. 21 to Mar.
3, Apr. 29-30, which are good, and Jan. 3-22, Mar. 4-10, May 1-3, which are fair. Dissolved oxygen (middle) records rated
excellent except for June 5-12, July 17, Aug. 2-7, Sep. 15-19, which are good, June 13, July 18, 19, Aug. 8-13, Sep. 20-24,
which are fair, and July 20, Aug. 14-16, Sep. 25-29, which are poor. Dissolved oxygen (bottom) records rated good except for
Feb. 27 to Mar. 7, Apr. 12-14, which are fair, and Mar. 8-10, Apr. 15, which are poor. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.
EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE (TOP) : Maximum, 40,300 microsiemens, Sep. 18, 1993; minimum, 60 microsiemens, Oct. $14,15,1994$.
SPECIFIC CONDUCTANCE (MIDDLE) : Maximum, 34,900 microsiemens, Sep. 22, 2005; minimum, 1,420 microsiemens, June 11, 2005.
SPECIFIC CONDUCTANCE (BOTTOM) : Maximum, 39,300 microsiemens, Sep. 20, 1993; minimum, 100 microsiemens, Jan. 13-23, 1993, Aug. 17, 22, 25, 1994.
SALINITY (TOP) : Maximum 25.8 ppt, Sep. 18, 1993; minimum 0.0 ppt, Aug. 17, 18, Oct. 14, 15, 1994.
SALINITY (BOTTOM) : Maximum 24.8 ppt, Sep. 19, 1993, Dec. 10, 1994; minimum 0.0 ppt, Jan. 13, 14, 17-23, 1993, Aug. 17-20, 22-25, 1994.

WATER TEMPERATURE (TOP) : Maximum, $32.0^{\circ} \mathrm{C}$, July 23, 28, 29, 1994, July 20-24, 1995; minimum, 5.5º Jan. 21, 22 , 1994.
WATER TEMPERATURE (MIDDLE) : Maximum, $32.7^{\circ} \mathrm{C}$, July 28, 2005; minimum, 19. $2^{\circ} \mathrm{C}$, May 7, 2005.
WATER TEMPERATURE (BOTTOM) : Maximum, $31.6^{\circ} \mathrm{C}$, July 11, 14, 15, 2004 ; minimum, 6. $0^{\circ} \mathrm{C}$, Jan. 21-23, 1994.
DISSOLVED OXYGEN (TOP) : Maximum, $15.2 \mathrm{mg} / \mathrm{L}, \mathrm{Jan} .26,1994 ;$ minimum, $1.5 \mathrm{mg} / \mathrm{L}, \mathrm{July} 13,14,1994$.
DISSOLVED OXYGEN (MIDDLE) : Maximum, $7.7 \mathrm{mg} / \mathrm{L}$, Aug. 14, 2005; minimum, $2.5 \mathrm{mg} / \mathrm{L}$, several days in July, Aug, 1,2 , 28, 29, 2005.

DISSOLVED OXYGEN (BOTTOM) : Maximum, $15.5 \mathrm{mg} / \mathrm{L}$, Jan. 26, 1994; minimum, 1.0 mg/L, Aug. 3, 2004 .
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE (TOP) : Maximum, 37,000 microsiemens, Jan. 11, 13, Feb. 27, 28; minimum, 450 microsiemens, Mar 29, Apr. 2.

SPECIFIC CONDUCTANCE (MIDDLE) : Maximum, 34,900 microsiemens, Sep. 22; minimum, 1,420 microsiemens, June 11.
SPECIFIC CONDUCTANCE (BOTTOM) : Maximum, 38,200 microsiemens, Feb. 27, 28; minimum, 580 microsiemens, Mar. 28.
WATER TEMPERATURE (TOP) : Maximum, $27.6^{\circ} \mathrm{C}$, Oct. 3 ; minimum, $6.8^{\circ} \mathrm{C}$, Jan. 31.
WATER TEMPERATURE (MIDDLE) : Maximum, $32.7^{\circ} \mathrm{C}$, July 28 ; minimum, $19.2^{\circ} \mathrm{C}$, May 7.
WATER TEMPERATURE (BOTTOM) : Maximum, $26.6^{\circ} \mathrm{C}$, Oct. 4, 5; minimum, $6.7^{\circ} \mathrm{C}$, Jan. 31.
DISSOLVED OXYGEN (TOP) : Maximum, $10.5 \mathrm{mg} / \mathrm{L}, \mathrm{Jan} .31$, Feb. 1, 2 ; minimum, $3.4 \mathrm{mg} / \mathrm{L}, \mathrm{Oct} .2$.
DISSOLVED OXYGEN (MIDDLE) : Maximum, $7.7 \mathrm{mg} / \mathrm{L}, \mathrm{Aug} .14 ; \mathrm{minimum}, 2.5 \mathrm{mg} / \mathrm{L}$, several days in July, Aug, 1,2 , 28 , 29.
DISSOLVED OXYGEN (BOTTOM) : Maximum, $11.1 \mathrm{mg} / \mathrm{L}$, Jan. 6 ; minimum, $3.6 \mathrm{mg} / \mathrm{L}$, Oct. 4.

021720869 ASHLEY RIVER NEAR NORTH 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 | 28200 | 10400 | 20000 | 30200 | 18700 | 24500 | 33500 | 24800 | 29300 | 32900 | 24400 | 28700 |
| 2 | 27200 | 11200 | 19800 | 30400 | 19500 | 25300 | 33800 | 25000 | 29700 | 32800 | 24600 | 29000 |
| 3 | 26100 | 10600 | 18000 | 30300 | 18800 | 25100 | 33600 | 26000 | 29700 | 32800 | 25000 | 29000 |
| 4 | 25500 | 9230 | 17200 | 30000 | 21200 | 26000 | 33600 | 25800 | 29600 | 32900 | 24700 | 29000 |
| 5 | 25100 | 11000 | 18400 | 30500 | 21500 | 25600 | 33400 | 26000 | 29600 | 33000 | 24000 | 29100 |
| 6 | 26700 | 11700 | 19600 | 31200 | 22300 | 26500 | 33500 | 25500 | 29900 | 33700 | 24000 | 29600 |
| 7 | 27400 | 14000 | 20100 | 31000 | 22100 | 26600 | 34000 | 25600 | 30300 | 34900 | 24200 | 30400 |
| 8 | 27900 | 16600 | 21900 | 31500 | 21800 | 27200 | 34200 | 24700 | 30000 | 35800 | 24200 | 31100 |
| 9 | 26900 | 15600 | 22000 | 32500 | 22300 | 28300 | 34900 | 24800 | 30600 | 36000 | 23400 | 31200 |
| 10 | 27300 | 14500 | 21400 | 33000 | 22500 | 28500 | 35600 | 24600 | 30500 | 36900 | 24400 | 31500 |
| 11 | 28100 | 14400 | 21700 | 33400 | 22200 | 28600 | --- | --- | --- | 37000 | 24000 | 31300 |
| 12 | 29100 | 14500 | 22600 | 33700 | 22300 | 28500 | --- | --- | --- | 36800 | 24400 | 31200 |
| 13 | 29300 | 14600 | 22800 | 33500 | 21400 | 28100 | --- | --- | --- | 37000 | 25000 | 31100 |
| 14 | 28400 | 12600 | 21600 | 34500 | 23000 | 29000 | 35700 | 23100 | 29800 | 34800 | 21400 | 28300 |
| 15 | 29400 | 12400 | 21400 | 35100 | 23100 | 29300 | 35100 | 23900 | 30000 | 34200 | 23600 | 28700 |
| 16 | 28700 | 11900 | 20300 | 34400 | 23000 | 29100 | 35100 | 25300 | 30400 | 34000 | 23700 | 29000 |
| 17 | 28600 | 11600 | 20300 | 34600 | 22800 | 29200 | 34500 | 25600 | 30300 | 34300 | 23100 | 28300 |
| 18 | 29000 | 12900 | 21300 | 34400 | 23000 | 29200 | 34300 | 25700 | 30300 | 33700 | 23800 | 28600 |
| 19 | 28800 | 12800 | 20800 | 34200 | 23800 | 29500 | 33500 | 24400 | 29700 | 34000 | 23500 | 29000 |
| 20 | 29100 | 13200 | 21200 | 34200 | 24000 | 29500 | 32600 | 24900 | 28900 | 32800 | 23800 | 28900 |
| 21 | 30400 | 15400 | 23500 | 34000 | 24300 | 29500 | 33900 | 26100 | 30500 | 34400 | 24600 | 30000 |
| 22 | 31300 | 18100 | 25500 | 34900 | 25400 | 30800 | 34300 | 26900 | 30900 | 34900 | 24100 | 30000 |
| 23 | 31500 | 18600 | 26000 | 35700 | 25400 | 31000 | 34500 | 25700 | 30800 | --- | --- | --- |
| 24 | 31700 | 18300 | 26200 | 36000 | 25100 | 31100 | 33800 | 25100 | 30500 | --- | --- | --- |
| 25 | 31600 | 18300 | 26000 | 34900 | 23700 | 29600 | 34900 | 27200 | 31700 | --- | --- | --- |
| 26 | 31200 | 18800 | 25800 | 35300 | 24300 | 30700 | 35200 | 26000 | 30900 | 34300 | 23000 | 29000 |
| 27 | 31300 | 17900 | 25400 | 36100 | 25700 | 31700 | 33900 | 24800 | 29400 | 33300 | 22500 | 28700 |
| 28 | 30400 | 17900 | 24700 | 33600 | 24200 | 29300 | 33800 | 24600 | 29400 | 34500 | 24100 | 29500 |
| 29 | 31400 | 18400 | 25200 | 34400 | 24000 | 29500 | 33800 | 24300 | 29100 | 34400 | 24700 | 29600 |
| 30 | 31700 | 18700 | 25200 | 34600 | 25400 | 30000 | 33100 | 24000 | 28700 | 33800 | 22700 | 28700 |
| 31 | 30100 | 18300 | 24100 | --- | --- | --- | 33100 | 24200 | 28700 | 33300 | 23000 | 28500 |
| MONTH | 31700 | 9230 | 22300 | 36100 | 18700 | 28600 | -- | -- | -- | --- | --- | --- |



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 | --- | - | - | --- | -- | --- | -- | --- | -- | -- | -- | --- |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | - | --- | --- | --- | --- | --- | --- | --- | --- | --- | - | --- |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 32000 | 18900 | 26300 |
| 6 | --- | -- | --- | --- | --- | - | -- | --- | --- | 31300 | 16500 | 24700 |
| 7 | --- | - | - | --- | --- | --- | - | -- | -- | 31200 | 15800 | 24200 |
| 8 | - | - | - | --- | --- | --- | --- | -- | -- | 31800 | 16600 | 24300 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 31600 | 17500 | 24900 |
| 10 | --- | --- | --- | --- | -- | --- | --- | -- | -- | 31400 | 18600 | 25200 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 31000 | 19400 | 25100 |
| 12 | -- | --- | - | --- | --- | - | -- | -- | -- | 31000 | 19600 | 25100 |
| 13 | -- | -- | - | --- | --- | --- | --- | --- | --- | 30400 | 20600 | 25400 |
| 14 | - | --- | --- | --- | --- | --- | --- | --- | - | 31000 | 22200 | 26400 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30400 | 21500 | 26100 |
| 16 | --- | --- | --- | --- | - | --- | --- | --- | --- | 30100 | 21700 | 25800 |
| 17 | --- | --- | --- | - | --- | --- | --- | - | --- | 30200 | 20700 | 25600 |
| 18 | --- | - | --- | --- | --- | --- | --- | --- | --- | 29400 | 20500 | 25300 |
| 19 | --- | --- | --- | - | - | - | -- | -- | -- | 29900 | 20000 | 25400 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30000 | 18400 | 25000 |
| 21 | - | - | --- | --- | --- | --- | --- | -- | -- | 31800 | 18200 | 25300 |
| 22 | --- | - | - | - | --- | --- | --- | -- | -- | 32200 | 18400 | 26000 |
| 23 | --- | --- | --- | --- | --- | --- | - | --- | --- | 29300 | 16400 | 24200 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 33000 | 18200 | 25400 |
| 25 | --- | --- | --- | - | - | - | --- | --- | - | 33700 | 19700 | 26700 |
| 26 | --- | --- | --- | - | --- | --- | --- | -- | --- | 33300 | 19500 | 26700 |
| 27 | -- | --- | - | --- | --- | --- | --- | --- | --- | 33300 | 20100 | 26900 |
| 28 | -- | --- | - | --- | --- | --- | --- | --- | --- | 33400 | 20600 | 27100 |
| 29 | -- | - | --- | - | --- | --- | --- | -- | -- | 32900 | 20100 | 27000 |
| 30 | --- | --- | - | --- | --- | --- | --- | --- | -- | 33200 | 20200 | 27200 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 32600 | 19700 | 27300 |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |


| DAY | Speci MAX | condu MIN | tance, MEAN | water, un MAX | itered, MTN | $\begin{array}{r} \text { micros } \\ \text { MEAN } \end{array}$ | s per MAX | centime | at 25 <br> MEAN | rees MAX | sius <br> MTN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  |  | JULY |  |  | AUGUST |  | SEPTEMBER |  |  |
| 1 | 32400 | 20000 | 27400 | 25800 | 9800 | 18500 | 28900 | 14000 | 22100 | 28000 | 13700 | 21200 |
| 2 | 31500 | 18200 | 25900 | 25300 | 9300 | 18400 | 29900 | 15200 | 22600 | 28400 | 14800 | 21800 |
| 3 | 29600 | 15000 | 23600 | 26500 | 10900 | 18900 | --- | --- | --- | 28200 | 14700 | 21800 |
| 4 | 30200 | 13500 | 22500 | 25900 | 9330 | 17900 | 30100 | 14800 | 22600 | 29000 | 15400 | 22700 |
| 5 | 29200 | 12200 | 21100 | --- | --- | --- | 30700 | 15900 | 23300 | 29600 | 17800 | 23900 |
| 6 | 28300 | 9910 | 19400 | --- | --- | --- | 30300 | 16400 | 23400 | 29800 | 18400 | 24800 |
| 7 | 27100 | 8220 | 17700 | --- | --- | --- | 30600 | 15800 | 23300 | 30200 | 19300 | 25100 |
| 8 | 25800 | 6610 | 16200 | --- | --- | --- | 30000 | 14900 | 22900 | 30800 | 19200 | 25000 |
| 9 | 23700 | 3780 | 13500 | 24000 | 5780 | 14300 | 28200 | 13700 | 21000 | 31500 | 19600 | 25500 |
| 10 | 23400 | 2150 | 11000 | --- | --- | --- | 28100 | 13500 | 21100 | 32000 | 19400 | 25800 |
| 11 | 23400 | 1420 | 9450 | --- | --- | --- | 28400 | 14700 | 21900 | 32400 | 19900 | 26100 |
| 12 | 22200 | 1580 | 9730 | --- | --- | --- | 28600 | 14600 | 21600 | 33400 | 20000 | 26800 |
| 13 | 20600 | 2550 | 12500 | 22900 | 5500 | 13900 | 28700 | 15000 | 21600 | 33900 | 20700 | 27600 |
| 14 | 22900 | 6170 | 14600 | 24300 | 5340 | 15400 | 28600 | 14600 | 22000 | 32600 | 18300 | 26600 |
| 15 | 25700 | 8070 | 17000 | --- | --- | --- | --- | --- | --- | 32800 | 17500 | 26100 |
| 16 | 28000 | 10500 | 19600 | --- | --- | --- | 30400 | 14700 | 23000 | 33800 | 19300 | 27700 |
| 17 | --- | --- | --- | 25500 | 6740 | 16900 | 31600 | 13800 | 23800 | 33900 | 20200 | 28100 |
| 18 | 30300 | 14700 | 23000 | 26000 | 7240 | 17300 | 32200 | 15000 | 24900 | 34100 | 20800 | 28100 |
| 19 | 31200 | 12900 | 22700 | 26500 | 5450 | 16800 | 31800 | 13300 | 24000 | 34100 | 21200 | 28500 |
| 20 | 31200 | 11800 | 22300 | 27500 | 4000 | 16200 | 32300 | 13500 | 23800 | 34700 | 21600 | 28800 |
| 21 | 31700 | 11200 | 22000 | 28500 | 3830 | 16200 | --- | --- | --- | 34600 | 21800 | 28900 |
| 22 | 31300 | 10100 | 21100 | 28800 | 3250 | 15900 | 31700 | 14800 | 24200 | 34900 | 23000 | 29200 |
| 23 | 30600 | 9800 | 20600 | 29700 | 3880 | 16600 | 31600 | 13800 | 23400 | 34600 | 23600 | 29200 |
| 24 | 32700 | 12200 | 22000 | 29700 | 5810 | 18500 | 30200 | 11800 | 20800 | 34400 | 24000 | 29100 |
| 25 | 32700 | 13900 | 23600 | 30000 | 6620 | 18500 | 30700 | 10500 | 21300 | 34200 | 24600 | 29500 |
| 26 | 31900 | 11800 | 21800 | 28300 | 5760 | 17900 | 29400 | 12600 | 21400 | 34500 | 25600 | 30100 |
| 27 | 29900 | 10800 | 20300 | 28400 | 7090 | 19200 | 28200 | 12100 | 19900 | 33700 | 25300 | 29500 |
| 28 | 28400 | 11100 | 19800 | 28900 | 9440 | 20300 | 28300 | 11700 | 20600 | 33900 | 26100 | 30400 |
| 29 | --- | --- | --- | 28800 | 12700 | 21700 | 28800 | 13700 | 21800 | 33300 | 25200 | 29400 |
| 30 | 25100 | 7870 | 17700 | 29000 | 14300 | 21900 | 27800 | 14400 | 21700 | 34200 | 25000 | 29600 |
| 31 | --- | --- | --- | 28800 | 14300 | 21700 | 26800 | 13100 | 20400 | --- | --- | --- |
| MONTH | --- | --- | --- | --- | - | --- | --- | --- | --- | 34900 | 13700 | 26900 |

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 | 28000 | 12400 | 20600 | 30600 | 20900 | 25300 | 34200 | 26100 | 30400 | 33800 | 26400 | 30200 |
| 2 | 28000 | 13100 | 20500 | 30800 | 22700 | 26200 | 34500 | 28400 | 31600 | 33700 | 26700 | 30300 |
| 3 | 26300 | 12700 | 19000 | 30400 | 23600 | 26800 | 34300 | 28200 | 31000 | 33600 | 27800 | 30500 |
| 4 | 26500 | 14400 | 20400 | 30800 | 24300 | 27700 | 34100 | 28500 | 30900 | 34000 | 27700 | 30600 |
| 5 | 27100 | 16200 | 21500 | 31400 | 23700 | 28000 | 34000 | 28400 | 30900 | 34000 | 26800 | 30500 |
| 6 | 26800 | 17200 | 23300 | 31700 | 24700 | 27800 | 34100 | 28000 | 31000 | 34800 | 25200 | 30600 |
| 7 | 28100 | 17600 | 22800 | 31400 | 24700 | 28000 | 34600 | 27600 | 31200 | 35000 | 25300 | 30900 |
| 8 | 27500 | 18000 | 22600 | 32000 | 23600 | 28100 | 34400 | 25900 | 30600 | 35800 | 25300 | 31400 |
| 9 | 27500 | 16300 | 21800 | 33000 | 24800 | 29300 | 34900 | 26100 | 31000 | 35700 | 24100 | 31200 |
| 10 | 27200 | 16300 | 21600 | 33700 | 24500 | 29500 | 35700 | 25600 | 31000 | 36500 | 25100 | 31500 |
| 11 | 27300 | 15400 | 21800 | 34200 | 24000 | 29500 | 34900 | 23300 | 29500 | 36400 | 23900 | 31100 |
| 12 | 28800 | 15300 | 22600 | 34600 | 23600 | 29500 | 35500 | 22400 | 29900 | 36100 | 24400 | 30900 |
| 13 | 29100 | 16100 | 22600 | 34400 | 22600 | 28800 | 35300 | 23400 | 29600 | 36000 | 25100 | 30600 |
| 14 | 28100 | 12900 | 21600 | 35400 | 23700 | 29700 | 36000 | 23500 | 30300 | 34000 | 21100 | 28000 |
| 15 | 29500 | 13000 | 21500 | 35500 | 23900 | 30000 | 35800 | 24500 | 30400 | 33700 | 23400 | 28300 |
| 16 | 28300 | 12300 | 20600 | 35400 | 24400 | 29900 | 35200 | 26400 | 31000 | 33800 | 24000 | 28800 |
| 17 | 28900 | 12100 | 20900 | 35000 | 24700 | 29900 | 34900 | 26600 | 31000 | 33300 | 23400 | 28100 |
| 18 | 28900 | 14000 | 21200 | 34800 | 25000 | 30000 | 34600 | 27200 | 31000 | 32700 | 24500 | 28300 |
| 19 | 28800 | 13600 | 21100 | 34600 | 25700 | 30200 | 34100 | 25400 | 30500 | 32900 | 24700 | 28600 |
| 20 | 28700 | 15100 | 21800 | 34200 | 25200 | 30200 | 33700 | 25600 | 29900 | 31800 | 25000 | 28600 |
| 21 | 30300 | 17500 | 24200 | 34000 | 25300 | 30200 | 34500 | 27700 | 31600 | 33000 | 24800 | 29000 |
| 22 | 31400 | 19600 | 25900 | 35500 | 25800 | 31500 | 34900 | 28400 | 31900 | 33100 | 23700 | 28900 |
| 23 | 31200 | 19900 | 26200 | 36200 | 27000 | 31900 | 35200 | 27000 | 31800 | --- | --- | --- |
| 24 | 31500 | 20300 | 26400 | 36500 | 26300 | 32000 | 35000 | 26600 | 31500 | --- | --- | --- |
| 25 | 31500 | 20000 | 26400 | 35500 | 24900 | 30600 | 35800 | 28500 | 32600 |  | --- |  |
| 26 | 31700 | 20300 | 26400 | 36000 | 25400 | 31500 | 36100 | 27000 | 31900 | 33000 | 23900 | 29000 |
| 27 | 31700 | 19400 | 25600 | 36700 | 27000 | 32500 | 34700 | 26100 | 30500 | 33300 | 23600 | 28800 |
| 28 | 31600 | 19400 | 25800 | 35000 | 25300 | 30300 | 34700 | 25900 | 30500 | 34500 | 25200 | 29900 |
| 29 | 31200 | 20000 | 25600 | 35100 | 25700 | 30300 | 34700 | 25900 | 30400 | 34600 | 25700 | 30100 |
| 30 | 31700 | 19600 | 25600 | 35100 | 27300 | 31000 | 34100 | 25800 | 30000 | 34100 | 23800 | 29400 |
| 31 | 30500 | 19200 | 24700 | --- | --- | --- | 34100 | 26100 | 30100 | 33700 | 24700 | 29300 |
| MONTH | 31700 | 12100 | 23000 | 36700 | 20900 | 29500 | 36100 | 22400 | 30800 | --- | --- | --- |


| DAY | Specif MAX | condu | ance, MEAN | $\begin{aligned} & \text { unf } \\ & \text { MAX } \end{aligned}$ | $\begin{aligned} & \text { ered, } \\ & \text { MIN } \end{aligned}$ | micros MEAN | s per MAX | ntime MIN | at 25 <br> MEAN | rees MAX | sius MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 33700 | 25700 | 29900 | 32200 | 10500 | 21000 | 19300 | 1370 | 9650 | 29400 | 18000 | 24000 |
| 2 | 35100 | 26000 | 30400 | 31400 | 17700 | 24700 | 19800 | 660 | 7550 | 30100 | 19400 | 25200 |
| 3 | 35800 | 22300 | 29800 | 31300 | 20400 | 25700 | 16900 | 750 | 8370 | --- | --- | --- |
| 4 | 34800 | 23700 | 29300 | 31500 | 18700 | 25800 | 18400 | 2060 | 10900 | --- | --- | --- |
| 5 | 35300 | 23100 | 30000 | 30800 | 14700 | 23400 | 19300 | 1600 | 11400 | --- | --- | --- |
| 6 | 35700 | 23100 | 30200 | 31100 | 15900 | 24500 | 20400 | 1710 | 11900 | --- | --- | --- |
| 7 | 35800 | 21800 | 30000 | 30700 | 13700 | 23900 | 21200 | 1870 | 11700 | --- | --- |  |
| 8 | 36200 | 20900 | 29700 | 32500 | 8680 | 22200 | 22200 | 2060 | 11500 | --- | --- | --- |
| 9 | 36200 | 20200 | 29300 | 33100 | 9220 | 23900 | 24700 | 2540 | 12400 | --- | --- | --- |
| 10 | 35100 | 18800 | 27800 | 33500 | 11400 | 23800 | 25000 | 3410 | 13700 | --- | --- | --- |
| 11 | 35700 | 19100 | 28100 | 30800 | 10300 | 22000 | 24000 | 3910 | 13800 | --- | --- | --- |
| 12 | 35500 | 21300 | 29000 | 29500 | 8010 | 20400 | 24000 | 5050 | 14100 | --- | --- | --- |
| 13 | 35000 | 21100 | 28800 | 30400 | 10600 | 21100 | 23900 | 7180 | 15600 | --- | --- |  |
| 14 | 34600 | 21600 | 28100 | 31600 | 13600 | 23100 | 25000 | 10800 | 18300 | --- | --- | --- |
| 15 | 32700 | 22200 | 27500 | 32100 | 18200 | 25100 | 26600 | 12000 | 20600 | --- | --- | --- |
| 16 | 33800 | 25800 | 30000 | 31800 | 18600 | 24800 | 27500 | 14400 | 21900 | --- | --- |  |
| 17 | 33800 | 26900 | 31000 | 30900 | 20200 | 25600 | 29000 | 15800 | 22500 | --- | --- | --- |
| 18 | 33900 | 26700 | 31300 | 31000 | 20100 | 26200 | 27600 | 16900 | 22500 | --- | --- | --- |
| 19 | 35100 | 26300 | 30600 | 32800 | 22800 | 28400 | 26100 | 17600 | 22000 | --- | --- |  |
| 20 | 34400 | 26500 | 30400 | 33400 | 23700 | 28400 | 25500 | 16300 | 21000 | --- | --- | --- |
| 21 | 34700 | 24700 | 30000 | 31600 | 22200 | 27600 | 25800 | 15500 | 21000 | --- | --- | --- |
| 22 | 34000 | 22500 | 28600 | 31700 | 19900 | 26700 | 27200 | 14800 | 21500 | --- | --- | --- |
| 23 | 34900 | 22700 | 29600 | 30000 | 14200 | 22300 | 26700 | 14200 | 21100 | --- | --- | --- |
| 24 | 36100 | 23700 | 29900 | 27300 | 10500 | 19900 | --- | --- | --- | --- | --- | --- |
| 25 | 35200 | 20700 | 29200 | 29100 | 11200 | 21500 | 28200 | 13400 | 21300 | --- | --- | --- |
| 26 | 35600 | 22700 | 30000 | 29300 | 11700 | 21500 | --- | --- | --- | --- | --- | --- |
| 27 | 38200 | 22900 | 30500 | 27900 | 8010 | 19100 | --- | --- | --- | --- | --- | --- |
| 28 | 38200 | 16600 | 28000 | 24200 | 580 | 8120 | 29100 | 16700 | 22900 | --- | --- | --- |
| 29 | --- | --- | --- | 19000 | 590 | 7810 | 29400 | 17700 | 23500 | --- | --- | --- |
| 30 | --- | --- | --- | 19000 | 1300 | 9350 | 30000 | 17500 | 23800 | --- | --- | --- |
| 31 | --- | --- | --- | 19400 | 1040 | 8660 | --- | --- | --- | --- | --- | --- |
| MONTH | 38200 | 16600 | 29500 | 33500 | 580 | 21800 | --- | --- | --- | -- | -- | --- |

021720869 ASHLEY RIVER NEAR NORTH 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 | 26.4 | 25.3 | 25.7 | 22.9 | 21.2 | 21.8 | 16.0 | 15.6 | 15.7 | 10.1 | 8.3 | 8.9 |
| 2 | 27.2 | 25.5 | 26.1 | 23.2 | 21.5 | 22.2 | 16.1 | 14.8 | 15.4 | 10.1 | 8.7 | 9.4 |
| 3 | 27.6 | 25.6 | 26.1 | 23.5 | 21.9 | 22.6 | 15.9 | 14.8 | 15.2 | 11.1 | 9.3 | 10.0 |
| 4 | 27.3 | 25.3 | 26.1 | 23.4 | 22.3 | 22.8 | 15.5 | 14.6 | 14.9 | 11.8 | 9.9 | 10.6 |
| 5 | 27.3 | 25.3 | 26.1 | 22.9 | 21.9 | 22.3 | 15.1 | 13.9 | 14.6 | 11.8 | 10.5 | 11.2 |
| 6 | 26.4 | 24.9 | 25.8 | 22.4 | 21.2 | 21.7 | 15.3 | 14.4 | 14.8 | 12.6 | 11.5 | 12.0 |
| 7 | 25.7 | 24.6 | 25.2 | 21.6 | 20.8 | 21.3 | 15.8 | 14.8 | 15.3 | 13.1 | 12.1 | 12.6 |
| 8 | 25.0 | 23.5 | 24.4 | 21.2 | 20.5 | 20.9 | 16.4 | 15.6 | 16.0 | 14.1 | 12.5 | 13.4 |
| 9 | 24.2 | 23.6 | 24.0 | 20.8 | 19.3 | 19.9 | 17.2 | 16.0 | 16.7 | 14.5 | 13.5 | 14.0 |
| 10 | 24.1 | 23.5 | 23.9 | 19.4 | 18.0 | 18.5 | 18.4 | 16.9 | 17.5 | 15.0 | 14.0 | 14.4 |
| 11 | 24.2 | 23.6 | 23.9 | 18.4 | 17.7 | 18.1 | --- | --- | --- | 14.9 | 14.3 | 14.6 |
| 12 | 24.4 | 23.7 | 24.0 | 18.7 | 18.1 | 18.4 | --- | --- | --- | 15.1 | 14.4 | 14.7 |
| 13 | 24.8 | 24.1 | 24.3 | 18.6 | 17.5 | 18.3 | --- | --- | --- | 15.8 | 14.7 | 15.2 |
| 14 | 24.3 | 23.4 | 23.7 | 17.6 | 16.3 | 16.9 | 14.4 | 13.2 | 13.8 | 16.3 | 15.7 | 15.9 |
| 15 | 23.6 | 22.2 | 23.0 | 16.3 | 15.3 | 15.7 | 13.2 | 11.5 | 12.3 | 15.7 | 13.6 | 14.6 |
| 16 | 22.2 | 21.3 | 21.8 | 16.0 | 14.7 | 15.3 | 12.1 | 10.8 | 11.3 | 13.7 | 12.4 | 13.0 |
| 17 | 22.0 | 21.2 | 21.6 | 16.1 | 14.5 | 15.1 | 11.9 | 10.7 | 11.2 | 12.6 | 11.0 | 11.8 |
| 18 | 22.4 | 21.4 | 21.8 | 16.1 | 14.4 | 15.1 | 12.1 | 10.7 | 11.3 | 11.3 | 9.7 | 10.5 |
| 19 | 23.1 | 21.6 | 22.3 | 16.4 | 14.8 | 15.6 | 11.7 | 10.5 | 11.1 | 9.9 | 9.1 | 9.4 |
| 20 | 24.3 | 22.2 | 22.9 | 16.9 | 15.6 | 16.2 | 10.6 | 9.0 | 9.6 | 9.4 | 8.3 | 9.1 |
| 21 | 23.4 | 22.4 | 22.9 | 17.1 | 16.1 | 16.6 | 9.7 | 8.7 | 9.2 | 9.8 | 9.1 | 9.5 |
| 22 | 22.7 | 22.0 | 22.4 | 17.6 | 16.4 | 17.1 | 9.8 | 9.0 | 9.4 | 10.0 | 9.2 | 9.6 |
| 23 | 22.1 | 21.3 | 21.7 | 18.0 | 16.9 | 17.6 | 11.3 | 9.6 | 10.6 | --- | --- | --- |
| 24 | 21.3 | 20.8 | 21.1 | 18.5 | 17.4 | 18.0 | 11.3 | 10.3 | 10.8 | --- | --- | --- |
| 25 | 21.1 | 20.7 | 20.8 | 18.5 | 17.7 | 18.2 | 10.3 | 9.4 | 9.9 | --- | --- | --- |
| 26 | 20.7 | 20.4 | 20.5 | 17.7 | 16.6 | 17.1 | 9.4 | 7.8 | 8.7 | 8.9 | 7.9 | 8.3 |
| 27 | 20.5 | 20.1 | 20.3 | 16.7 | 15.8 | 16.0 | 8.1 | 7.5 | 7.9 | 9.2 | 8.7 | 8.9 |
| 28 | 20.5 | 20.2 | 20.4 | 16.0 | 15.6 | 15.8 | 7.8 | 7.3 | 7.6 | 8.8 | 7.4 | 8.1 |
| 29 | 20.6 | 20.0 | 20.3 | 15.8 | 15.2 | 15.5 | 8.3 | 7.3 | 7.8 | 7.4 | 6.9 | 7.1 |
| 30 | 21.3 | 20.2 | 20.7 | 15.8 | 15.2 | 15.5 | 8.7 | 7.6 | 8.1 | 7.4 | 7.0 | 7.2 |
| 31 | 21.9 | 20.7 | 21.3 |  |  |  | 9.0 | 8.0 | 8.5 | 7.9 | 6.8 | 7.2 |
| MONTH | 27.6 | 20.0 | 23.1 | 23.5 | 14.4 | 18.2 | --- | --- | --- | --- | --- | --- |
| Temperature, water, degrees Celsius |  |  |  |  |  |  |  |  |  |  |  |  |
| DAY |  | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 7.8 | 7.2 | 7.5 | 12.8 | 12.1 | 12.3 | 18.6 | 17.7 | 18.1 | 21.5 | 20.0 | 20.4 |
| 2 | 7.7 | 7.1 | 7.4 | 12.2 | 11.2 | 11.7 | 18.3 | 17.2 | 18.0 | 21.5 | 20.2 | 20.7 |
| 3 | 7.7 | 7.4 | 7.5 | 11.8 | 11.0 | 11.4 | 17.8 | 16.0 | 17.0 | --- | --- | --- |
| 4 | 8.0 | 7.2 | 7.6 | 12.0 | 10.8 | 11.3 | 18.0 | 16.0 | 17.2 | --- | --- | --- |
| 5 | 8.3 | 7.6 | 7.9 | 12.0 | 11.1 | 11.6 | 18.6 | 16.5 | 17.8 | --- | --- | --- |
| 6 | 8.5 | 7.8 | 8.2 | 12.4 | 11.4 | 11.9 | 19.3 | 17.6 | 18.4 | --- | --- | --- |
| 7 | 9.1 | 8.1 | 8.5 | 13.0 | 11.8 | 12.4 | 19.4 | 18.4 | 18.9 | --- | --- | --- |
| 8 | 9.6 | 8.5 | 9.0 | 13.5 | 12.6 | 13.0 | 20.1 | 18.6 | 19.2 | --- | --- | --- |
| 9 | 9.8 | 8.6 | 9.5 | 13.0 | 12.1 | 12.4 | 19.9 | 18.9 | 19.5 | --- | --- | --- |
| 10 | 10.5 | 9.6 | 10.1 | 12.6 | 11.7 | 12.1 | 20.0 | 18.8 | 19.3 | --- | --- | --- |
| 11 | 10.1 | 9.5 | 9.8 | 12.5 | 11.8 | 12.2 | 20.2 | 18.9 | 19.5 | --- | --- | --- |
| 12 | 10.3 | 9.1 | 9.6 | 12.6 | 11.6 | 12.0 | 19.9 | 19.3 | 19.6 | --- | --- | --- |
| 13 | 10.4 | 9.2 | 9.8 | 13.5 | 12.1 | 12.7 | 20.7 | 19.5 | 19.8 | --- | --- | --- |
| 14 | 10.6 | 9.5 | 10.0 | 14.2 | 13.2 | 13.6 | 19.7 | 18.5 | 19.0 | --- | --- | --- |
| 15 | 11.8 | 10.0 | 10.5 | 14.1 | 13.3 | 13.7 | 18.8 | 17.5 | 18.1 | --- | --- | --- |
| 16 | 12.5 | 10.6 | 11.2 | 14.0 | 13.1 | 13.5 | 18.3 | 16.8 | 17.5 | --- | --- | --- |
| 17 | 12.5 | 11.5 | 11.8 | 13.2 | 12.3 | 12.7 | 19.1 | 16.4 | 17.3 | --- | --- | --- |
| 18 | 12.0 | 10.7 | 11.7 | 12.4 | 11.7 | 12.0 | 18.8 | 16.1 | 17.5 | --- | --- | --- |
| 19 | 12.2 | 11.0 | 11.7 | 12.5 | 11.6 | 12.0 | 19.0 | 17.0 | 18.0 | --- | --- | --- |
| 20 | 12.3 | 11.6 | 11.9 | 13.0 | 12.0 | 12.4 | 19.4 | 17.5 | 18.7 | --- | --- | --- |
| 21 | 13.1 | 12.0 | 12.5 | 13.6 | 12.6 | 13.0 | 20.1 | 18.6 | 19.5 | --- | --- | --- |
| 22 | 14.2 | 12.8 | 13.5 | 14.2 | 13.3 | 13.7 | 21.0 | 19.4 | 20.2 | --- | --- | --- |
| 23 | 15.0 | 13.6 | 14.3 | 15.6 | 14.0 | 14.7 | 21.3 | 20.0 | 20.7 | --- | --- | --- |
| 24 | 15.2 | 14.2 | 14.8 | 16.3 | 15.0 | 15.6 | -- | --- | --- | --- | --- | --- |
| 25 | 14.9 | 13.6 | 14.3 | 16.2 | 15.6 | 16.0 | 19.2 | 17.8 | 18.6 | --- | --- | --- |
| 26 | 13.9 | 13.1 | 13.6 | 16.9 | 15.8 | 16.3 | --- | --- | --- | --- | --- | --- |
| 27 | 13.6 | 12.8 | 13.2 | 16.9 | 16.5 | 16.7 | --- | --- | --- | --- | --- | --- |
| 28 | 12.9 | 12.4 | 12.7 | 17.8 | 16.8 | 17.2 | 20.2 | 18.5 | 19.1 | --- | --- | --- |
| 29 | --- | --- | - | 17.7 | 16.4 | 16.9 | 20.0 | 18.9 | 19.4 | --- | --- | --- |
| 30 | --- | --- | - | 18.1 | 16.8 | 17.4 | 20.3 | 19.5 | 19.9 | --- | --- | --- |
| 31 | --- | --- | --- | 18.6 | 17.4 | 17.9 | - | , | 9.9 | -- | - | --- |
| MONTH | 15.2 | 7.1 | 10.7 | 18.6 | 10.8 | 13.6 | --- | -- | --- | --- | --- | --- |

021720869 ASHLEY RIVER NEAR NORTH 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 |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | --- | --- | --- | --- | - | --- | --- | --- | --- | --- | --- | --- |
| 2 | --- | --- | --- | --- | --- | --- | --- |  |  |  |  | -- |
| 3 | --- | --- | --- | --- | -- | - | - | - | - | -- | --- | -- |
| 4 | - | --- | --- | --- | -- | --- | --- | --- | --- | --- | - | --- |
| 5 | - | --- | --- | --- | --- | --- | --- | --- | --- | 21.6 | 20.1 | 20.8 |
| 6 | - | --- | --- | --- | --- | --- | -- | --- | -- | 20.3 | 19.4 | 19.8 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20.7 | 19.2 | 19.9 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21.5 | 19.8 | 20.6 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22.1 | 20.6 | 21.3 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22.8 | 21.4 | 22.1 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23.3 | 22.1 | 22.6 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24.1 | 22.7 | 23.3 |
| 13 | - | --- | --- | --- | --- | --- | --- | --- | --- | 24.8 | 23.3 | 23.9 |
| 14 | - | --- | --- | --- | --- | --- | --- | --- | --- | 24.4 | 23.6 | 24.0 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25.0 | 23.7 | 24.2 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25.3 | 24.1 | 24.5 |
| 17 | - | --- | --- | --- | --- | --- | --- | --- | --- | 24.9 | 24.5 | 24.6 |
| 18 | -- | --- | --- | --- | - | --- | --- | --- | --- | 25.0 | 24.0 | 24.6 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25.5 | 24.2 | 24.9 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25.6 | 24.8 | 25.2 |
| 21 | - | --- | --- | --- | --- | --- | --- | --- | --- | 25.1 | 23.5 | 24.3 |
| 22 | - | --- | --- | --- | - | --- | --- | --- | --- | 23.9 | 22.9 | 23.5 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24.6 | 23.1 | 23.8 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25.0 | 23.8 | 24.4 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24.2 | 23.2 | 23.7 |
| 26 | - | --- | --- | --- | --- | --- | --- | --- | --- | 24.2 | 23.0 | 23.5 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24.4 | 23.3 | 23.8 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24.8 | 23.7 | 24.2 |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25.5 | 24.3 | 24.8 |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25.3 | 24.5 | 24.8 |
| 31 | - | --- | --- | --- | --- | --- | --- | --- | --- | 24.8 | 24.0 | 24.4 |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Temperature, water, degrees Celsius |  |  |  |  |  |  |  |  |  |  |  |  |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 24.0 | 23.7 | 23.9 | 29.0 | 27.7 | 28.2 | 31.0 | 30.3 | 30.6 | 30.2 | 29.5 | 29.9 |
| 2 | 24.8 | 23.8 | 24.3 | 29.6 | 28.3 | 29.0 | 30.6 | 29.9 | 30.3 | 30.4 | 29.5 | 29.9 |
| 3 | 25.0 | 24.5 | 24.7 | 30.3 | 29.2 | 29.6 | --- | --- | -- | 30.2 | 29.4 | 29.8 |
| 4 | 25.6 | 24.7 | 25.1 | 30.3 | 29.3 | 29.7 | 30.9 | 29.9 | 30.3 | 29.9 | 29.1 | 29.6 |
| 5 | 26.0 | 25.3 | 25.6 | - | -- | -- | 30.5 | 30.0 | 30.3 | 29.3 | 28.2 | 28.6 |
| 6 | 27.0 | 25.6 | 26.1 | --- | --- | --- | 30.1 | 29.4 | 29.8 | 28.2 | 27.3 | 27.5 |
| 7 | 27.3 | 26.3 | 26.8 | --- | --- | --- | 29.7 | 29.0 | 29.4 | 27.4 | 26.3 | 26.7 |
| 8 | 27.9 | 26.8 | 27.3 | --- | --- | -- | 29.8 | 28.9 | 29.2 | 26.8 | 26.0 | 26.4 |
| 9 | 28.0 | 27.1 | 27.6 | 30.6 | 29.4 | 30.2 | 29.4 | 28.8 | 29.1 | 26.8 | 26.1 | 26.5 |
| 10 | 28.2 | 27.2 | 27.8 | , | --- | , | 29.7 | 28.8 | 29.3 | 26.7 | 25.6 | 26.1 |
| 11 | 28.0 | 26.8 | 27.3 | --- | --- | --- | 29.7 | 29.1 | 29.4 | 26.2 | 25.3 | 25.7 |
| 12 | 27.6 | 26.5 | 27.2 | --- | --- | --- | 29.5 | 28.9 | 29.3 | 25.6 | 24.9 | 25.1 |
| 13 | 28.2 | 26.6 | 27.4 | 30.0 | 28.9 | 29.4 | 29.8 | 28.9 | 29.3 | 25.0 | 24.7 | 24.8 |
| 14 | 28.3 | 27.2 | 27.8 | 29.9 | 28.8 | 29.3 | 30.0 | 29.0 | 29.5 | 25.1 | 24.5 | 24.8 |
| 15 | 28.8 | 27.7 | 28.2 | , | , | , | , | , | , | 25.9 | 24.6 | 25.2 |
| 16 | 29.0 | 28.2 | 28.5 | --- | --- | --- | 30.7 | 30.0 | 30.4 | 26.6 | 25.4 | 26.0 |
| 17 | --- | --- | --- | 30.8 | 29.8 | 30.2 | 31.2 | 30.2 | 30.7 | 27.5 | 26.1 | 26.8 |
| 18 | 29.0 | 28.1 | 28.4 | 31.0 | 30.2 | 30.6 | 31.3 | 30.4 | 30.8 | 28.0 | 26.8 | 27.4 |
| 19 | 28.1 | 26.9 | 27.5 | 31.5 | 30.4 | 30.9 | 31.3 | 30.2 | 30.8 | 28.4 | 27.4 | 27.9 |
| 20 | 27.3 | 26.2 | 26.8 | 31.8 | 30.7 | 31.1 | 31.8 | 30.7 | 31.1 | 28.6 | 27.8 | 28.2 |
| 21 | 27.4 | 26.3 | 26.9 | 31.8 | 30.8 | 31.2 | --- | --- | --- | 28.8 | 27.9 | 28.3 |
| 22 | 27.8 | 26.5 | 27.1 | 31.5 | 30.7 | 31.1 | 31.9 | 31.1 | 31.5 | 29.0 | 27.8 | 28.4 |
| 23 | 27.9 | 26.9 | 27.4 | 31.6 | 30.7 | 31.1 | 31.5 | 30.5 | 31.0 | 29.0 | 27.8 | 28.5 |
| 24 | 28.0 | 27.2 | 27.6 | 31.4 | 30.6 | 31.1 | 31.4 | 30.0 | 30.5 | 29.2 | 27.8 | 28.5 |
| 25 | 27.6 | 26.5 | 27.1 | 31.7 | 30.4 | 31.0 | 30.6 | 29.2 | 29.8 | 29.1 | 27.9 | 28.5 |
| 26 | 27.5 | 26.4 | 26.9 | 31.7 | 30.4 | 31.1 | 29.6 | 28.4 | 28.8 | 29.1 | 28.0 | 28.6 |
| 27 | 27.7 | 27.0 | 27.4 | 32.3 | 30.7 | 31.4 | 28.8 | 28.0 | 28.4 | 28.7 | 28.1 | 28.4 |
| 28 | 27.6 | 27.0 | 27.2 | 32.7 | 31.2 | 31.8 | 29.4 | 28.0 | 28.6 | 28.3 | 27.4 | 27.9 |
| 29 | -- | --- | --- | 32.4 | 31.6 | 32.0 | 29.7 | 28.7 | 29.1 | 27.9 | 27.0 | 27.5 |
| 30 | 28.1 | 27.1 | 27.5 | 32.1 | 31.4 | 31.8 | 29.9 | 29.2 | 29.6 | 27.6 | 27.2 | 27.5 |
| 31 | --- | --- | --- | 31.6 | 30.8 | 31.2 | 30.1 | 29.4 | 29.7 | --- | --- | --- |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30.4 | 24.5 | 27.5 |

021720869 ASHLEY RIVER NEAR NORTH 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 | 26.2 | 25.2 | 25.6 | 22.4 | 21.4 | 21.8 | 15.9 | 15.6 | 15.7 | 9.4 | 8.6 | 8.9 |
| 2 | 26.5 | 25.4 | 26.0 | 22.8 | 21.9 | 22.3 | 15.8 | 15.2 | 15.6 | 10.0 | 8.9 | 9.4 |
| 3 | 26.5 | 25.6 | 26.1 | 23.1 | 22.3 | 22.7 | 15.7 | 15.0 | 15.2 | 10.6 | 9.5 | 10.0 |
| 4 | 26.6 | 25.9 | 26.3 | 23.2 | 22.6 | 23.0 | 15.2 | 14.6 | 14.9 | 11.1 | 10.1 | 10.6 |
| 5 | 26.6 | 25.9 | 26.3 | 23.1 | 22.1 | 22.7 | 14.9 | 14.3 | 14.6 | 11.7 | 10.6 | 11.2 |
| 6 | 26.5 | 25.7 | 26.3 | 22.3 | 21.4 | 21.9 | 15.1 | 14.4 | 14.7 | 12.5 | 11.5 | 12.0 |
| 7 | 25.9 | 25.0 | 25.6 | 21.8 | 20.9 | 21.4 | 15.8 | 14.8 | 15.3 | 13.1 | 12.1 | 12.7 |
| 8 | 25.1 | 24.2 | 24.6 | 21.2 | 20.6 | 21.0 | 16.5 | 15.8 | 16.1 | 14.1 | 12.7 | 13.4 |
| 9 | 24.3 | 23.9 | 24.1 | 20.9 | 19.3 | 20.0 | 17.3 | 16.2 | 16.8 | 14.5 | 13.6 | 14.1 |
| 10 | 24.1 | 23.7 | 24.0 | 19.3 | 18.1 | 18.6 | 18.1 | 17.1 | 17.6 | 15.0 | 14.0 | 14.5 |
| 11 | 24.2 | 23.7 | 23.9 | 18.4 | 17.8 | 18.1 | 17.6 | 16.3 | 17.0 | 14.9 | 14.4 | 14.6 |
| 12 | 24.4 | 23.8 | 24.1 | 18.7 | 18.1 | 18.4 | 16.3 | 15.3 | 15.7 | 15.1 | 14.4 | 14.8 |
| 13 | 24.8 | 24.1 | 24.3 | 18.7 | 17.7 | 18.4 | 15.3 | 14.6 | 14.9 | 15.9 | 14.7 | 15.2 |
| 14 | 24.4 | 23.5 | 23.7 | 17.7 | 16.5 | 17.0 | 14.6 | 13.3 | 13.9 | 16.2 | 15.7 | 16.0 |
| 15 | 23.6 | 22.4 | 23.1 | 16.7 | 15.4 | 15.8 | 13.4 | 11.6 | 12.4 | 15.8 | 13.7 | 14.7 |
| 16 | 22.5 | 21.6 | 21.8 | 15.9 | 14.8 | 15.3 | 12.3 | 10.9 | 11.4 | 14.0 | 12.4 | 13.1 |
| 17 | 22.1 | 21.2 | 21.6 | 15.9 | 14.6 | 15.2 | 11.8 | 10.8 | 11.3 | 12.7 | 11.0 | 11.9 |
| 18 | 22.4 | 21.4 | 21.9 | 16.0 | 14.5 | 15.2 | 12.0 | 10.8 | 11.4 | 11.4 | 9.7 | 10.5 |
| 19 | 22.9 | 21.7 | 22.3 | 16.4 | 14.9 | 15.7 | 11.9 | 10.6 | 11.2 | 10.0 | 9.0 | 9.4 |
| 20 | 23.6 | 22.4 | 22.9 | 16.9 | 15.6 | 16.3 | 10.8 | 9.0 | 9.8 | 9.4 | 8.8 | 9.2 |
| 21 | 23.5 | 22.5 | 23.0 | 17.2 | 16.2 | 16.7 | 9.7 | 8.5 | 9.2 | 9.8 | 9.2 | 9.4 |
| 22 | 22.8 | 21.9 | 22.5 | 17.5 | 16.6 | 17.2 | 9.9 | 8.9 | 9.4 | 10.0 | 9.3 | 9.6 |
| 23 | 22.2 | 21.3 | 21.8 | 18.0 | 16.9 | 17.5 | 11.3 | 9.6 | 10.6 | --- | --- | --- |
| 24 | 21.4 | 20.7 | 21.1 | 18.4 | 17.5 | 18.0 | 11.3 | 10.3 | 10.9 | --- | --- | --- |
| 25 | 21.1 | 20.7 | 20.9 | 18.4 | 17.7 | 18.2 | 10.3 | 9.4 | 9.9 | --- | --- | --- |
| 26 | 20.7 | 20.4 | 20.6 | 17.7 | 16.6 | 17.1 | 9.4 | 8.1 | 8.7 | 8.8 | 7.8 | 8.2 |
| 27 | 20.6 | 20.2 | 20.4 | 16.7 | 15.7 | 16.0 | 8.2 | 7.6 | 7.9 | 9.2 | 8.6 | 8.8 |
| 28 | 20.5 | 20.2 | 20.4 | 16.0 | 15.7 | 15.8 | 7.9 | 7.3 | 7.6 | 8.8 | 7.4 | 7.9 |
| 29 | 20.6 | 20.1 | 20.4 | 15.8 | 15.3 | 15.5 | 8.2 | 7.3 | 7.8 | 7.5 | 6.8 | 7.0 |
| 30 | 21.3 | 20.3 | 20.7 | 15.8 | 15.2 | 15.5 | 8.7 | 7.8 | 8.2 | 7.2 | 6.8 | 7.0 |
| 31 | 21.9 | 20.8 | 21.3 |  |  |  | 9.0 | 8.1 | 8.5 | 7.6 | 6.7 | 7.1 |
| MONTH | 26.6 | 20.1 | 23.1 | 23.2 | 14.5 | 18.3 | 18.1 | 7.3 | 12.4 | --- | --- | --- |
| Temperature, water, degrees Celsius |  |  |  |  |  |  |  |  |  |  |  |  |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 7.6 | 7.1 | 7.3 | 12.6 | 11.9 | 12.2 | 18.4 | 17.6 | 17.9 | 21.0 | 20.0 | 20.4 |
| 2 | 7.5 | 7.0 | 7.3 | 12.1 | 11.3 | 11.7 | 18.2 | 17.2 | 17.9 | 21.3 | 20.2 | 20.7 |
| 3 | 7.5 | 7.3 | 7.4 | 11.7 | 11.1 | 11.3 | 17.4 | 16.6 | 17.1 | --- | --- | --- |
| 4 | 7.8 | 7.1 | 7.5 | 11.4 | 10.6 | 11.1 | 18.0 | 16.5 | 17.2 | --- | --- | --- |
| 5 | 8.1 | 7.4 | 7.8 | 11.8 | 10.9 | 11.4 | 18.5 | 17.1 | 17.8 | --- | --- | --- |
| 6 | 8.4 | 7.7 | 8.1 | 12.3 | 11.3 | 11.8 | 19.3 | 17.6 | 18.4 | --- | --- | --- |
| 7 | 9.0 | 8.0 | 8.4 | 12.9 | 11.8 | 12.3 | 19.3 | 18.3 | 18.8 | --- | --- | --- |
| 8 | 9.4 | 8.4 | 8.9 | 13.4 | 12.4 | 12.9 | 20.0 | 18.5 | 19.1 | --- | --- | --- |
| 9 | 9.6 | 8.9 | 9.3 | 12.9 | 12.0 | 12.3 | 19.8 | 18.9 | 19.4 | --- | --- | --- |
| 10 | 10.3 | 9.5 | 9.9 | 12.7 | 11.6 | 12.1 | 19.9 | 18.6 | 19.2 | --- | --- | --- |
| 11 | 10.1 | 9.3 | 9.7 | 12.6 | 11.9 | 12.3 | 20.1 | 18.8 | 19.3 | --- | --- | --- |
| 12 | 10.0 | 8.9 | 9.5 | 12.7 | 11.7 | 12.1 | 19.8 | 19.2 | 19.5 | --- | --- | --- |
| 13 | 10.1 | 9.1 | 9.6 | 13.6 | 12.2 | 12.8 | 20.2 | 19.5 | 19.7 | --- | --- | --- |
| 14 | 10.4 | 9.3 | 9.9 | 14.0 | 13.3 | 13.6 | 19.7 | 18.7 | 19.0 | --- | --- | --- |
| 15 | 10.8 | 9.9 | 10.4 | 14.1 | 13.4 | 13.7 | 19.0 | 17.6 | 18.3 | --- | --- | --- |
| 16 | 11.5 | 10.6 | 11.0 | 14.0 | 13.3 | 13.6 | 18.6 | 16.8 | 17.5 | --- | --- | --- |
| 17 | 11.9 | 11.4 | 11.7 | 13.3 | 12.4 | 12.8 | 17.6 | 16.6 | 17.2 | --- | --- | --- |
| 18 | 11.9 | 11.2 | 11.7 | 12.5 | 11.8 | 12.1 | 17.9 | 16.9 | 17.3 | --- | --- | --- |
| 19 | 11.8 | 11.0 | 11.5 | 12.4 | 11.7 | 12.1 | 18.9 | 17.5 | 17.9 | --- | --- | --- |
| 20 | 12.1 | 11.5 | 11.8 | 13.0 | 12.1 | 12.4 | 19.4 | 18.1 | 18.7 | --- | --- | --- |
| 21 | 12.9 | 11.9 | 12.3 | 13.7 | 12.7 | 13.0 | 20.1 | 18.8 | 19.4 | --- | --- | --- |
| 22 | 14.1 | 12.7 | 13.3 | 14.3 | 13.4 | 13.8 | 20.9 | 19.4 | 20.1 | --- | --- | --- |
| 23 | 14.8 | 13.4 | 14.1 | 15.6 | 14.1 | 14.8 | 21.3 | 20.0 | 20.6 | --- | --- | --- |
| 24 | 15.0 | 14.0 | 14.6 | 16.4 | 15.1 | 15.7 | -- | --- | --- | --- | --- | --- |
| 25 | 14.7 | 13.6 | 14.1 | 16.3 | 15.6 | 16.0 | 19.2 | 17.8 | 18.5 | -- | --- | -- |
| 26 | 13.8 | 12.9 | 13.4 | 17.0 | 15.9 | 16.4 | - | --- | --- | --- | --- | --- |
| 27 | 13.4 | 12.7 | 13.0 | 16.9 | 16.6 | 16.8 | -- | --- | --- | --- | --- | --- |
| 28 | 12.7 | 12.3 | 12.5 | 17.8 | 16.8 | 17.2 | 19.6 | 18.5 | 19.0 | --- | --- | --- |
| 29 | --- | - | --- | 17.8 | 16.5 | 17.0 | 19.9 | 18.9 | 19.3 | --- | --- | --- |
| 30 | --- | --- | --- | 18.2 | 16.9 | 17.4 | 20.3 | 19.4 | 19.9 | --- | --- | --- |
| 31 | --- | --- | --- | 18.2 | 17.5 | 17.8 | --- | - | - | --- | --- | --- |
| MONTH | 15.0 | 7.0 | 10.6 | 18.2 | 10.6 | 13.6 | --- | --- | --- | --- | --- | --- |

021720869 ASHLEY RIVER NEAR NORTH 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 | 4.9 | 3.5 | 4.3 | 5.5 | 4.7 | 5.0 | 7.9 | 7.0 | 7.5 | 9.5 | 8.7 | 9.2 |
| 2 | 5.9 | 3.4 | 4.2 | 5.7 | 4.7 | 5.1 | 8.3 | 7.3 | 7.6 | 9.7 | 8.9 | 9.2 |
| 3 | 6.1 | 3.6 | 4.3 | 6.6 | 4.9 | 5.2 | 8.4 | 7.3 | 7.7 | 9.9 | 8.6 | 9.3 |
| 4 | 6.2 | 3.6 | 4.1 | 6.1 | 4.7 | 5.2 | 8.4 | 7.3 | 7.8 | 10.1 | 8.7 | 9.4 |
| 5 | 6.1 | 3.6 | 4.0 | 6.7 | 5.2 | 5.7 | 8.5 | 7.2 | 7.9 | 10.2 | 8.8 | 9.5 |
| 6 | 5.2 | 3.5 | 4.1 | 7.0 | 4.9 | 5.7 | 8.4 | 7.4 | 7.9 | 10.4 | 8.8 | 9.6 |
| 7 | 6.2 | 3.8 | 4.6 | 6.4 | 5.2 | 5.7 | 8.2 | 7.1 | 7.8 | 9.9 | 9.2 | 9.7 |
| 8 | 5.7 | 4.1 | 4.9 | 6.4 | 5.3 | 5.8 | 7.7 | 7.0 | 7.5 | 9.5 | 9.0 | 9.3 |
| 9 | 5.6 | 4.4 | 5.0 | 6.6 | 5.7 | 6.2 | 7.6 | 7.1 | 7.4 | 9.0 | 8.4 | 8.8 |
| 10 | 5.2 | 4.2 | 4.7 | 6.8 | 5.8 | 6.5 | 7.4 | 6.5 | 7.1 | 8.6 | 7.7 | 8.3 |
| 11 | 4.9 | 4.1 | 4.5 | 6.6 | 5.8 | 6.4 | - | --- | --- | 8.2 | 7.4 | 7.9 |
| 12 | 5.0 | 3.7 | 4.5 | 6.4 | 5.6 | 6.2 | --- | --- | --- | 7.9 | 7.2 | 7.6 |
| 13 | 4.8 | 4.0 | 4.4 | 6.5 | 6.0 | 6.2 | --- | --- | --- | 7.6 | 7.0 | 7.3 |
| 14 | 5.2 | 4.2 | 4.8 | 7.0 | 6.3 | 6.7 | 7.6 | 7.3 | 7.4 | 7.4 | 7.0 | 7.3 |
| 15 | 5.4 | 3.9 | 5.0 | 7.2 | 6.5 | 6.9 | 8.0 | 7.5 | 7.7 | 7.5 | 7.1 | 7.3 |
| 16 | 5.7 | 4.8 | 5.4 | 7.1 | 6.6 | 7.0 | 8.2 | 7.6 | 7.9 | 7.8 | 7.1 | 7.5 |
| 17 | 6.2 | 4.9 | 5.5 | 7.2 | 6.4 | 7.0 | 8.3 | 7.8 | 7.9 | 8.1 | 7.4 | 7.8 |
| 18 | 5.7 | 4.8 | 5.4 | 7.2 | 6.8 | 7.0 | 8.4 | 7.7 | 8.0 | 8.4 | 7.7 | 8.0 |
| 19 | 5.8 | 4.4 | 5.3 | 7.3 | 6.7 | 7.0 | 8.4 | 7.8 | 8.1 | 8.5 | 8.0 | 8.2 |
| 20 | 6.2 | 4.5 | 5.4 | 7.2 | 6.7 | 7.0 | 9.9 | 8.3 | 8.9 | 8.6 | 8.0 | 8.4 |
| 21 | 5.7 | 4.6 | 5.3 | 7.0 | 6.4 | 6.8 | 9.7 | 9.1 | 9.4 | 8.8 | 8.2 | 8.5 |
| 22 | 5.9 | 4.6 | 5.4 | 7.2 | 6.4 | 6.8 | 9.5 | 9.1 | 9.4 | 8.8 | 8.4 | 8.6 |
| 23 | 5.9 | 5.2 | 5.6 | 6.9 | 6.2 | 6.7 | 9.4 | 9.1 | 9.3 | --- | --- | -- |
| 24 | 5.6 | 4.9 | 5.4 | 6.9 | 6.0 | 6.6 | 9.1 | 8.9 | 9.1 | - | -- | --- |
| 25 | 5.6 | 4.6 | 5.2 | 7.3 | 6.6 | 7.0 | 9.0 | 8.8 | 8.9 | --- | --- | --- |
| 26 | 5.3 | 4.5 | 5.0 | 7.3 | 6.8 | 7.1 | 9.2 | 9.0 | 9.1 | 10.2 | 9.8 | 10.1 |
| 27 | 5.3 | 4.3 | 4.9 | 7.5 | 7.0 | 7.2 | 9.2 | 9.0 | 9.1 | 10.3 | 9.9 | 10.1 |
| 28 | 5.3 | 4.3 | 4.9 | 7.6 | 7.1 | 7.3 | 9.3 | 9.1 | 9.2 | 10.3 | 9.8 | 10.1 |
| 29 | 5.3 | 4.2 | 4.9 | 7.7 | 7.1 | 7.4 | 9.4 | 9.1 | 9.3 | 10.3 | 10.0 | 10.2 |
| 30 | 5.3 | 4.4 | 4.9 | 7.8 | 7.1 | 7.5 | 9.4 | 9.0 | 9.2 | 10.3 | 9.9 | 10.1 |
| 31 | 5.3 | 4.6 | 5.0 | --- | -- | --- | 9.5 | 8.8 | 9.2 | 10.5 | 10.0 | 10.2 |
| MONTH | 6.2 | 3.4 | 4.9 | 7.8 | 4.7 | 6.5 | --- | --- | --- | --- | --- | --- |
| DAY | MAX | MIN | Disso <br> MEAN | oxygen, water MAX MIN |  | unfil <br> MEAN | milligrams pe MAX MIN |  | liter <br> MEAN | MAX | MIN | MEAN |
|  |  | FEBRUARY |  |  | MARCH |  |  | PRIL |  |  | MAY |  |
|  | 10.5 | 10.1 | 10.3 | 9.1 | 8.2 | 8.6 | 6.4 | 5.1 | 5.6 | 6.8 | 5.3 | 6.1 |
| 2 | 10.5 | 10.0 | 10.3 | 9.5 | 8.7 | 9.0 | 6.9 | 5.4 | 6.1 | 6.3 | 5.4 | 5.9 |
| 3 | 10.3 | 9.9 | 10.1 | 9.6 | 8.6 | 9.1 | 7.6 | 6.3 | 6.9 | - |  | --- |
| 4 | 10.3 | 9.8 | 10.0 | 9.9 | 8.7 | 9.3 | 7.1 | 5.3 | 6.7 | --- | --- | --- |
| 5 | 10.4 | 9.8 | 10.1 | 9.8 | 9.2 | 9.5 | 6.8 | 5.6 | 6.4 | --- | --- | --- |
| 6 | 10.4 | 9.8 | 10.1 | 10.0 | 9.1 | 9.5 | 6.6 | 5.6 | 6.1 | - | --- | --- |
| 7 | 10.3 | 9.6 | 10.0 | 9.8 | 8.9 | 9.5 | 6.0 | 5.4 | 5.8 | --- | --- | --- |
| 8 | 10.2 | 9.6 | 9.9 | 9.7 | 8.8 | 9.4 | 5.9 | 5.2 | 5.6 | --- | --- | --- |
| 9 | 9.7 | 9.2 | 9.4 | 9.5 | 8.4 | 9.0 | 5.7 | 5.1 | 5.4 | --- | --- | --- |
| 10 | 9.5 | 9.0 | 9.2 | 9.2 | 7.8 | 8.4 | 5.8 | 5.0 | 5.3 | --- | --- | --- |
| 11 | 9.4 | 8.9 | 9.1 | 8.5 | 7.6 | 8.1 | 5.5 | 4.9 | 5.2 | -- | --- | --- |
| 12 | 9.5 | 8.9 | 9.2 | 8.7 | 7.8 | 8.3 | 5.5 | 4.8 | 5.2 | --- | --- | --- |
| 13 | 9.7 | 9.1 | 9.3 | 8.7 | 7.9 | 8.4 | 5.9 | 5.0 | 5.4 | --- | --- | --- |
| 14 | 9.6 | 9.1 | 9.3 | 8.7 | 7.9 | 8.3 | 6.2 | 5.3 | 5.6 | --- | --- | --- |
| 15 | 10.3 | 9.2 | 9.4 | 8.6 | 7.8 | 8.2 | 6.7 | 5.1 | 5.7 | --- | -- | --- |
| 16 | 10.4 | 9.2 | 9.5 | 8.3 | 7.8 | 8.1 | 6.2 | 5.3 | 5.6 | -- | -- | - |
| 17 | 10.4 | 9.3 | 9.6 | 8.1 | 7.7 | 7.9 | 6.4 | 5.4 | 5.7 | --- | --- | --- |
| 18 | 9.9 | 9.3 | 9.5 | 8.3 | 7.6 | 7.9 | 5.9 | 5.1 | 5.5 | --- | --- | --- |
| 19 | 9.9 | 9.0 | 9.5 | 8.2 | 7.6 | 7.8 | 6.0 | 5.1 | 5.5 | -- | - | --- |
| 20 | 9.7 | 9.1 | 9.4 | 8.2 | 7.6 | 7.9 | 6.0 | 5.1 | 5.6 | -- | --- | -- |
| 21 | 9.4 | 8.9 | 9.2 | 8.3 | 7.6 | 7.9 | 6.0 | 5.1 | 5.6 | --- | --- | --- |
| 22 | 9.4 | 8.5 | 9.0 | 8.2 | 7.7 | 8.0 | 6.2 | 4.7 | 5.6 | --- | --- | --- |
| 23 | 9.2 | 8.4 | 8.9 | 7.9 | 7.5 | 7.7 | 6.1 | 5.2 | 5.6 | --- | -- | --- |
| 24 | 9.0 | 8.0 | 8.5 | 7.8 | 7.4 | 7.6 | --- | --- | --- | -- | -- | --- |
| 25 | 8.4 | 7.9 | 8.2 | 7.8 | 7.0 | 7.3 | 6.5 | 5.1 | 6.1 | -- | --- | --- |
| 26 | 8.8 | 7.9 | 8.3 | 7.3 | 6.8 | 7.0 | -- | -- | - | --- | --- | --- |
| 27 | 8.5 | 7.9 | 8.3 | 7.1 | 6.5 | 6.9 | --- | --- | --- | -- | --- | --- |
| 28 | 8.6 | 7.9 | 8.3 | 7.2 | 6.5 | 6.8 | 6.4 | 5.6 | 6.1 | --- | -- | --- |
| 29 | --- | --- | --- | 7.1 | 6.2 | 6.7 | 6.6 | 5.6 | 6.1 | -- | --- | --- |
| $30$ | --- | --- | --- | 7.0 | 5.7 | 6.3 | 6.6 | 5.5 | 6.2 | --- | --- | --- |
| 31 | --- | - | -- | 6.7 | 5.3 | 5.9 | --- | --- | --- | --- | -- | -- |
| MONTH | 10.5 | 7.9 | 9.4 | 10.0 | 5.3 | 8.1 | --- | --- | --- | --- | --- | - |

021720869 ASHLEY RIVER NEAR NORTH CHARLESTON, SC--Continued


021720869 ASHLEY RIVER NEAR NORTH 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 | 4.8 | 4.1 | 4.3 | 5.0 | 4.5 | 4.8 | 8.0 | 7.1 | 7.7 | 9.9 | 8.9 | 9.6 |
| 2 | 4.6 | 3.8 | 4.1 | 5.1 | 4.5 | 4.9 | 8.1 | 7.4 | 7.8 | 10.0 | 9.3 | 9.7 |
| 3 | 4.5 | 3.8 | 4.1 | 5.3 | 4.5 | 4.9 | 8.2 | 7.5 | 7.9 | 10.2 | 9.3 | 9.8 |
| 4 | 4.7 | 3.6 | 4.1 | 5.4 | 4.6 | 5.0 | 8.3 | 7.6 | 8.0 | 10.4 | 9.2 | 9.9 |
| 5 | 4.6 | 4.0 | 4.2 | 6.0 | 4.7 | 5.4 | 8.5 | 7.6 | 8.1 | 10.5 | 9.3 | 10.0 |
| 6 | 5.2 | 3.8 | 4.4 | 5.9 | 5.1 | 5.5 | 8.5 | 7.7 | 8.1 | 11.1 | 9.2 | 10.0 |
| 7 | 5.9 | 4.2 | 4.6 | 5.9 | 5.2 | 5.5 | 8.5 | 7.2 | 8.0 | 10.4 | 9.5 | 10.1 |
| 8 | 5.9 | 4.0 | 5.1 | 6.1 | 5.3 | 5.7 | 7.9 | 7.2 | 7.7 | 10.0 | 9.1 | 9.7 |
| 9 | 6.0 | 4.6 | 5.4 | 6.4 | 5.8 | 6.1 | 7.8 | 7.1 | 7.5 | 9.4 | 8.3 | 9.0 |
| 10 | 5.6 | 4.4 | 5.2 | 6.7 | 5.8 | 6.4 | 7.5 | 7.0 | 7.3 | 8.9 | 7.5 | 8.5 |
| 11 | 5.3 | 4.4 | 4.9 | 6.6 | 6.1 | 6.4 | 7.3 | 6.6 | 7.1 | 8.5 | 7.2 | 8.1 |
| 12 | 5.2 | 4.4 | 4.8 | 6.4 | 5.7 | 6.1 | 7.4 | 6.8 | 7.2 | 8.1 | 7.1 | 7.7 |
| 13 | 5.0 | 4.0 | 4.7 | 6.3 | 5.6 | 6.0 | 7.6 | 7.0 | 7.4 | 7.8 | 6.9 | 7.4 |
| 14 | 5.3 | 4.1 | 4.9 | --- | --- | --- | 7.8 | 7.4 | 7.6 | -- | --- | -- |
| 15 | 5.4 | 4.5 | 5.1 | --- | --- | --- | 8.2 | 7.4 | 7.9 | 7.8 | 6.7 | 7.3 |
| 16 | 5.6 | 4.7 | 5.3 | 7.1 | 6.4 | 6.9 | 8.3 | 7.9 | 8.1 | 8.0 | 7.2 | 7.6 |
| 17 | 5.6 | 4.8 | 5.3 | -- | --- | - | 8.3 | 8.0 | 8.2 | 8.2 | 7.3 | 7.9 |
| 18 | 5.5 | 4.8 | 5.3 | 7.0 | 6.2 | 6.9 | 8.4 | 7.9 | 8.2 | 8.6 | 7.8 | 8.2 |
| 19 | 5.4 | 4.7 | 5.2 | 7.0 | 6.3 | 6.9 | 8.6 | 8.0 | 8.3 | 8.7 | 8.1 | 8.4 |
| 20 | 5.7 | 4.5 | 5.2 | 7.0 | 6.4 | 6.8 | 9.6 | 8.6 | 9.0 | 8.9 | 8.2 | 8.6 |
| 21 | 5.7 | 4.7 | 5.3 | 6.9 | 6.2 | 6.7 | 9.6 | 9.0 | 9.4 | 9.0 | 8.3 | 8.7 |
| 22 | 5.9 | 5.0 | 5.5 | 7.2 | 6.4 | 6.8 | 9.7 | 9.1 | 9.4 | 9.1 | 8.3 | 8.8 |
| 23 | 5.9 | 5.3 | 5.6 | 7.0 | 6.4 | 6.7 | 9.6 | 9.1 | 9.4 |  | -- |  |
| 24 | 5.6 | 5.1 | 5.4 | 7.0 | 5.9 | 6.6 | 9.4 | 8.8 | 9.2 | --- | --- | --- |
| 25 | 5.5 | 4.6 | 5.1 | 7.4 | 6.2 | 7.0 | 9.3 | 8.8 | 9.1 | --- | --- | --- |
| 26 | 5.1 | 4.3 | 4.8 | 7.4 | 6.6 | 7.2 | 9.5 | 8.9 | 9.3 | 9.4 | 8.7 | 9.2 |
| 27 | 5.1 | 4.2 | 4.7 | 7.4 | 7.0 | 7.3 | 9.9 | 9.3 | 9.5 | 9.5 | 9.0 | 9.3 |
| 28 | 5.1 | 4.1 | 4.7 | 7.6 | 7.1 | 7.4 | 9.7 | 9.2 | 9.6 | 9.6 | 9.2 | 9.4 |
| 29 | 5.0 | 4.1 | 4.6 | 7.7 | 6.8 | 7.5 | 9.8 | 9.4 | 9.6 | 9.6 | 9.0 | 9.5 |
| 30 | 5.0 | 4.1 | 4.6 | 7.8 | 7.2 | 7.6 | 9.9 | 9.4 | 9.7 | 9.8 | 9.3 | 9.5 |
| 31 | 5.0 | 4.1 | 4.8 | --- | --- | --- | 9.8 | 9.0 | 9.6 | 10.0 | 9.5 | 9.7 |
| MONTH | 6.0 | 3.6 | 4.9 | --- | --- | --- | 9.9 | 6.6 | 8.4 | --- | --- | --- |
| DAY | MAX | MIN | Dissolved MEAN | oxygen, water, MAX MIN |  | unfilt MEAN | milligrams per MAX MIN |  | liter MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 10.0 | 9.5 | 9.8 | 8.7 | 6.9 | 8.1 | --- | --- | --- | 6.1 | 5.0 | 5.7 |
| 2 | 10.0 | 9.6 | 9.9 | 8.8 | 7.0 | 8.3 | - | -- | - | 5.9 | 4.5 | 5.3 |
| 3 | 10.0 | 9.5 | 9.8 | 8.8 | 7.4 | 8.4 | 7.4 | 5.9 | 7.0 |  | --- | --- |
| 4 | 10.0 | 9.6 | 9.8 | 8.9 | 7.4 | 8.5 | 7.2 | 5.7 | 6.8 | --- | --- | --- |
| 5 | 10.2 | 9.6 | 10.0 | 9.2 | 7.4 | 8.7 | 7.0 | 5.4 | 6.4 | --- | --- | -- |
| 6 | 10.4 | 9.7 | 10.1 | 9.2 | 7.9 | 8.7 | 6.7 | 4.6 | 6.1 | --- | --- | --- |
| 7 | 10.5 | 9.7 | 10.2 | 9.1 | 7.6 | 8.7 | 5.8 | 4.5 | 5.5 | --- | --- | --- |
| 8 | 10.3 | 9.3 | 9.9 | 8.8 | 7.2 | 8.4 | 5.9 | 4.8 | 5.3 | --- | --- | --- |
| 9 | 9.6 | 8.7 | 9.3 | 8.6 | 7.5 | 8.1 | -- | -- | --- | --- | --- | -- |
| 10 | 9.5 | 8.6 | 9.1 | 8.2 | 6.5 | 7.6 | --- | --- | --- | --- | --- | --- |
| 11 | 9.5 | 8.6 | 9.1 | 7.8 | 6.1 | 7.3 | --- | - | - | --- | --- | --- |
| 12 | 9.5 | 8.9 | 9.2 | 8.0 | 6.5 | 7.5 | - | - | --- | --- | --- | --- |
| 13 | 9.6 | 8.8 | 9.3 | 8.0 | 6.3 | 7.5 | --- | --- | --- | --- | --- | --- |
| 14 | 9.5 | 8.8 | 9.3 | 7.8 | 6.3 | 7.4 | --- | --- | --- | --- | --- | --- |
| 15 | 9.7 | 8.7 | 9.3 | 7.8 | 6.1 | 7.2 | --- | --- | --- | --- | -- | - |
| 16 | 9.6 | 8.6 | 9.3 | 7.5 | 6.5 | 7.2 | 6.0 | 5.3 | 5.8 | - | -- | --- |
| 17 | 9.7 | 8.3 | 9.3 | 7.4 | 5.9 | 7.0 | 6.0 | 5.4 | 5.8 | - | - | --- |
| 18 | 9.7 | 8.3 | 9.2 | 7.3 | 6.2 | 7.1 | 6.0 | 5.0 | 5.7 | --- | --- | --- |
| 19 | 9.8 | 8.8 | 9.3 | 7.3 | 6.1 | 7.0 | 6.0 | 5.2 | 5.6 | --- | --- | --- |
| 20 | 9.7 | 7.9 | 9.2 | 7.4 | 6.2 | 7.0 | 6.1 | 5.0 | 5.7 | --- | --- | --- |
| 21 | 9.5 | 8.2 | 9.0 | 7.4 | 5.7 | 7.0 | 6.3 | 5.3 | 5.8 | - | --- | --- |
| 22 | 9.3 | 7.8 | 8.8 | 7.5 | 6.0 | 7.1 | 6.2 | 5.2 | 5.7 | --- | - | --- |
| 23 | 9.0 | 7.3 | 8.5 | 7.4 | 5.8 | 7.0 | 6.0 | 5.1 | 5.6 | --- | --- | --- |
| 24 | 8.7 | 6.9 | 8.1 | 7.4 | 5.8 | 7.0 | --- | --- | --- | --- | -- | --- |
| 25 | 8.2 | 6.9 | 7.8 | 7.0 | 6.1 | 6.7 | 6.2 | 5.3 | 5.9 | --- | --- | --- |
| 26 | 8.5 | 6.8 | 7.9 | 6.7 | 5.5 | 6.4 | -- | --- | -- | - | --- | --- |
| 27 | 8.2 | 6.4 | 7.8 | 6.6 | 5.1 | 6.2 | --- | --- | --- | --- | --- | --- |
| 28 | 8.3 | 6.5 | 7.8 | 6.7 | 5.0 | 6.1 | -- | -- | --- | --- | --- | --- |
| 29 | --- | --- | --- | 6.5 | 5.6 | 6.1 | --- | --- | --- | -- | --- | -- |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MONTH | 10.5 | 6.4 | 9.1 | --- | --- | --- | --- | --- | -- | --- | --- | --- |

