PERIOD OF RECORD.--Water years 2001 to current year.
PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 2001 to current year.
WATER TEMPERATURE: April 2001 to current year.
DISSOLVED OXYGEN: April 2001 to current year.
INSTRUMENTATION.--Water-quality multiprobe and data collection platform.
REMARKS.--Specific conductance records rated excellent except for Feb. 29 to Mar. 4, Mar. 15-29, and June 18-25, which are good. Temperature records rated excellent. Dissolved oxygen records rated excellent except for Oct. 21-23, Nov. 6-10, Apr. $23-28$, May 20-27, June 9-11, July 3, July 29 to Aug. 2, which are good, Oct. 24-27, Nov. 11-16, Apr. 29 to May 4 , May 28 to June 4 , June 12-15, Aug. 3-6, which are fair, and Oct. 28-30, Nov. 17, May 5-10, June 16-25, July 4-6, which are poor. Prior to October 1, 2003 dissolved oxygen concentrations are not corrected for salinity.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, >32,800 microsiemens, many days, several months; minimum, 66 microsiemens, Sep. 13 , 2003 .
WATER TEMPERATURE: Maximum, $32.1^{\circ} \mathrm{C}$, July 31, 2002; minimum, 4.3 C , Jan. 25, 28, 2003.
DISSOLVED OXYGEN: Maximum, $12.0 \mathrm{mg} / \mathrm{L}, \mathrm{Jan} .29,31,2004$; minimum, $2.4 \mathrm{mg} / \mathrm{L}$, May 28, 2002, June 17 , 2003.
EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 24,900 microsiemens, July 31; minimum recorded, 112 microsiemens, Feb. 22.
WATER TEMPERATURE: Maximum, $31.6^{\circ} \mathrm{C}$, July 14 ; minimum, $6.2^{\circ} \mathrm{C}$, Jan. 30, Feb. 2, but may have been lower during periods of missing record.

DISSOLVED OXYGEN: Maximum, $12.0 \mathrm{mg} / \mathrm{L}$, Jan. 29, 31, but may have been higher during periods of missing record; minimum, 2.7 mg/L, July 21-23.

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

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |
| 1 | 13600 | 1350 | 5480 | 8760 | 602 | 2830 | --- | -- | - | - | - | --- |
| 2 | 13300 | 1570 | 5610 | 8350 | 578 | 2810 | --- | --- | --- | --- | --- | --- |
| 3 | 14000 | 1880 | 6060 | 8630 | 715 | 3370 | --- | --- | -- - | --- | --- | --- |
| 4 | 11400 | 1930 | 5540 | 6420 | 623 | 2580 | - | --- | --- | --- | --- | --- |
| 5 | 10700 | 1790 | 4860 | 5280 | 521 | 2050 | --- | --- | --- | --- | --- | - |
| 6 | 11300 | 1860 | 5200 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | 11800 | 1960 | 5600 | 4000 | 428 | 1640 | --- | --- | --- | --- | --- | --- |
| 8 | 12000 | 2070 | 5780 | 6890 | 446 | 2400 | --- | --- | --- | --- | --- | --- |
| 9 | 12200 | 2180 | 6280 | --- | --- | --- | --- | --- | --- | --- | -- | --- |
| 10 | 13000 | 2450 | 6630 | --- | --- | --- | --- | --- | - | --- | --- | - |
| 11 | 13700 | 2520 | 6930 | --- | --- | --- | --- | --- | -- | --- | -- | -- |
| 12 | 14100 | 2860 | 7240 | --- | - | --- | --- | --- | --- | --- | --- | --- |
| 13 | 13700 | 3020 | 7120 | --- | --- | --- | --- | --- | --- | --- | -- | --- |
| 14 | 15100 | 3280 | 7560 | --- | - | --- | --- | --- | --- | --- | -- | - |
| 15 | 10000 | 2950 | 5880 | --- | --- | --- | --- | --- | --- | --- | -- | --- |
| 16 | 13700 | 3670 | 7050 | --- | - | --- | --- | --- | --- | --- | --- | --- |
| 17 | 12600 | 3570 | 7020 | --- | --- | --- | --- | --- | --- | --- | -- | -- |
| 18 | 12600 | 3490 | 7150 | --- | --- | - | - | --- | --- | --- | --- | --- |
| 19 | 14000 | 3730 | 7880 | - | - | --- | --- | --- | --- | --- | - | -- |
| 20 | 13700 | 3490 | 7580 | --- | --- | --- | --- | - | --- | --- | --- | - |
| 21 | 14100 | 3340 | 8030 | 15800 | 890 | 6780 | --- | --- | --- | --- | --- | --- |
| 22 | 16500 | 3220 | 8270 | -- | --- | --- | - | --- | --- | --- | -- | - |
| 23 | 19500 | 3770 | 10800 | --- | --- | --- | -- | --- | --- | --- | -- | --- |
| 24 | 20300 | 4330 | 11800 | --- | --- | --- | --- | --- | --- | --- | - | - |
| 25 | 21700 | 4780 | 11900 | --- | --- | --- | --- | --- | -- | -- | --- | -- |
| 26 | 21500 | 4790 | 11700 | --- | --- | --- | --- | --- | --- | --- | --- | - |
| 27 | 22200 | 5240 | 12100 | --- | --- | --- | --- | --- | --- | - | --- | --- |
| 28 | 22400 | 5630 | 12200 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | 15800 | 974 | 5840 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | 10900 | 522 | 3470 | --- | --- | --- | --- | --- | --- | 8320 | 1570 | 4040 |
| 31 | 9850 | 606 | 3150 | --- | --- | --- | --- | --- | --- | 9560 | 2140 | 5570 |
| MONTH | 22400 | 522 | 7350 | --- | --- | --- | --- | --- | -- | -- | --- | -- |

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued
Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 12900 | 2680 | 7420 | 206 | 146 | 176 | 9060 | 1020 | 4200 | 11600 | 1180 | 5640 |
| 2 | 14500 | 2730 | 8550 | 327 | 147 | 180 | 9900 | 979 | 4740 | 11300 | 1040 | 4960 |
| 3 | 12400 | 799 | 5620 | 258 | 146 | 180 | 12900 | 1200 | 6100 | 8020 | 591 | 3090 |
| 4 | 8990 | 581 | 3360 | 381 | 149 | 198 | 15600 | 1400 | 6540 | 10600 | 546 | 3330 |
| 5 | 11700 | 470 | 4310 | 457 | 149 | 215 | 16900 | 1680 | 7680 | 10700 | 586 | 3350 |
| 6 | 11700 | 451 | 3720 | 511 | 153 | 224 | 19300 | 2050 | 8200 | 11100 | 685 | 3190 |
| 7 | 4130 | 289 | 1180 | 594 | 162 | 263 | 18000 | 2300 | 7910 | 11100 | 773 | 3380 |
| 8 | 3790 | 242 | 1160 | 1100 | 164 | 322 | 18000 | 2630 | 7950 | 11000 | 881 | 3590 |
| 9 | 5460 | 265 | 1320 | 3150 | 194 | 569 | 18500 | 2840 | 8060 | 10500 | 983 | 3710 |
| 10 | 3220 | 246 | 887 | 3480 | 226 | 679 | 18600 | 3070 | 8370 | 9880 | 1070 | 3680 |
| 11 | 2000 | 244 | 652 | 2500 | 218 | 623 | 17300 | 3030 | 7890 | 9100 | 1070 | 3550 |
| 12 | 2530 | 238 | 728 | 2160 | 230 | 564 | 15300 | 1740 | 6250 | 7800 | 1050 | 3380 |
| 13 | 1170 | 206 | 404 | 1790 | 248 | 580 | 10500 | 928 | 3760 | 6870 | 1030 | 3180 |
| 14 | 691 | 190 | 326 | 3220 | 292 | 766 | 4740 | 641 | 1950 | 6920 | 1020 | 3220 |
| 15 | 837 | 175 | 309 | 2270 | 272 | 665 | 6480 | 666 | 2740 | 8090 | 1080 | 3390 |
| 16 | 621 | 165 | 259 | 2990 | 291 | 816 | 8540 | 744 | 3490 | 8890 | 1150 | 3620 |
| 17 | 773 | 153 | 254 | 3840 | 297 | 1130 | 7820 | 741 | 3200 | 9190 | 1290 | 3720 |
| 18 | 421 | 146 | 204 | 6670 | 330 | 1840 | 7830 | 765 | 2890 | 8950 | 1210 | 3480 |
| 19 | 379 | 134 | 191 | 6150 | 357 | 1920 | 7870 | 821 | 2830 | 8970 | 1200 | 3490 |
| 20 | 293 | 119 | 171 | 10500 | 458 | 3390 | 8100 | 869 | 2790 | 7860 | 1240 | 3230 |
| 21 | 203 | 113 | 152 | 5740 | 487 | 2170 | 8940 | 988 | 3240 | 8220 | 1340 | 3260 |
| 22 | 247 | 112 | 159 | 7940 | 527 | 2660 | 8100 | 1100 | 3240 | 8540 | 1500 | 3580 |
| 23 | 237 | 122 | 162 | 7280 | 660 | 2680 | 6840 | 1190 | 2990 | 8650 | 1620 | 3770 |
| 24 | 248 | 132 | 172 | 6570 | 718 | 2320 | 7580 | 1210 | 3010 | 8480 | 1710 | 3950 |
| 25 | 261 | 141 | 186 | 6570 | 749 | 2110 | 8580 | 1440 | 3690 | 8530 | 1800 | 4190 |
| 26 | 487 | 150 | 224 | 4800 | 783 | 1810 | 9110 | 1660 | 4300 | 9070 | 1920 | 4910 |
| 27 | 226 | 160 | 183 | 4770 | 871 | 1860 | 8750 | 1260 | 3770 | 9900 | 2110 | 5580 |
| 28 | 207 | 168 | 186 | 6660 | 883 | 2230 | 8590 | 1390 | 4500 | 10800 | 2370 | 6220 |
| 29 | 207 | 152 | 180 | 9570 | 1310 | 4320 | 9810 | 1180 | 4940 | 14300 | 2800 | 7590 |
| 30 | --- | --- | --- | 11300 | 1690 | 5730 | 11000 | 1390 | 5650 | 19300 | 3380 | 10200 |
| 31 | --- | --- | --- | 11400 | 1090 | 5640 | --- | , | , | 18400 | 3170 | 9570 |
| MONTH | 14500 | 112 | 1470 | 11400 | 146 | 1580 | 19300 | 641 | 4900 | 19300 | 546 | 4350 |


| DAY | Specific MAX | conductance, MIN MEAN |  | water, unfiltered, MAX MIN |  | microsiemens MEAN | $s$ per <br> MAX | centimeter at 25 degrees Celsius |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | MIN | MEAN |  |  | MAX | MIN | MEAN |
|  | JUNE |  |  |  |  | JULY |  | AUGUST |  |  |  | SEPTEMBER |  |  |
| 1 | 21200 | 3240 | 9780 | 20000 | 3780 | 9550 | 24000 | 4240 | 11800 | 5330 | 954 | 2730 |
| 2 | 23600 | 4020 | 11300 | 19600 | 3930 | 9350 | 23700 | 4850 | 12400 | 6100 | 1040 | 2980 |
| 3 | 23500 | 3590 | 11300 | 20200 | 4000 | 9490 | 23800 | 5440 | 12800 | 6400 | 1140 | 3140 |
| 4 | 23600 | 4120 | 11600 | 19900 | 4410 | 9880 | 21800 | 5480 | 12400 | 6140 | 1130 | 2890 |
| 5 | 23500 | 5290 | 11900 | 20300 | 4750 | 10200 | 20000 | 5690 | 12000 | 6020 | 1230 | 2940 |
| 6 | 24100 | 6140 | 13200 | 18900 | 5190 | 10500 | 20000 | 5840 | 12100 | 5970 | 950 | 2740 |
| 7 | 24000 | 5930 | 13600 | 18800 | 5520 | 11100 | 21800 | 6840 | 13300 | 2610 | 480 | 1330 |
| 8 | 23000 | 7180 | 13600 | 17900 | 5560 | 10900 | 19300 | 6740 | 12300 | 1190 | 296 | 678 |
| 9 | 20000 | 7020 | 12700 | 16700 | 5580 | 10500 | 18500 | 6810 | 11900 | 612 | 224 | 365 |
| 10 | 18400 | 6750 | 12400 | 16700 | 5400 | 9920 | 18000 | 7110 | 12100 | 489 | 209 | 307 |
| 11 | 17800 | 6420 | 11400 | 16300 | 5160 | 9800 | 18000 | 7360 | 12200 | 801 | 215 | 349 |
| 12 | 20600 | 6630 | 12600 | 14300 | 4550 | 8430 | 17300 | 7170 | 12000 | 1880 | 224 | 471 |
| 13 | 22300 | 7790 | 14300 | 13900 | 3940 | 7960 | 15600 | 5890 | 10500 | 2150 | 227 | 559 |
| 14 | 18700 | 3030 | 10700 | 14400 | 3990 | 7990 | 15600 | 5210 | 10800 | 1800 | 246 | 618 |
| 15 | 17100 | 4810 | 10400 | 13800 | 3960 | 8190 | 13900 | 3610 | 8970 | 1400 | 241 | 555 |
| 16 | 13500 | 1730 | 8840 | 18400 | 4440 | 9640 | 13900 | 3570 | 7440 | 1520 | 234 | 564 |
| 17 | 12300 | 3440 | 6460 | 18900 | 4610 | 10100 | 13500 | 3730 | 7540 | 1760 | 220 | 555 |
| 18 | 11800 | 2960 | 6080 | 17000 | 4700 | 9640 | 12900 | 3980 | 7740 | 984 | 214 | 406 |
| 19 | 14200 | 3340 | 6760 | 17800 | 4710 | 9930 | 12200 | 3500 | 7120 | 1570 | 233 | 523 |
| 20 | 17400 | 3880 | 8210 | 17100 | 4470 | 9380 | 11700 | 3550 | 6890 | 4800 | 269 | 1060 |
| 21 | 17400 | 4700 | 9060 | 16800 | 4600 | 9630 | 10900 | 3480 | 6450 | 6870 | 309 | 1480 |
| 22 | 16700 | 4050 | 8160 | 16500 | 4620 | 9590 | 12100 | 3470 | 6710 | 4010 | 349 | 1170 |
| 23 | 12000 | 4000 | 7050 | 16100 | 4070 | 9040 | 14200 | 3740 | 7670 | 3450 | 358 | 1050 |
| 24 | 11100 | 4010 | 7200 | 14700 | 3540 | 8430 | 15700 | 3610 | 7970 | 6250 | 428 | 1620 |
| 25 | 11700 | 3990 | 7700 | 15600 | 3130 | 7970 | 16300 | 3720 | 8250 | 8390 | 514 | 2350 |
| 26 | 12200 | 4180 | 7830 | 16700 | 2840 | 8030 | 16400 | 3570 | 8350 | 9780 | 636 | 3100 |
| 27 | 16800 | 4620 | 9710 | 18800 | 2690 | 8870 | 18200 | 3560 | 8900 | 9220 | 639 | 3410 |
| 28 | 16100 | 4280 | 9400 | 19900 | 1900 | 8920 | 19900 | 4180 | 9960 | 4440 | 479 | 1560 |
| 29 | 19400 | 4330 | 10200 | 20400 | 2700 | 8910 | 12400 | 1780 | 5630 | 3870 | 468 | 1580 |
| 30 | 20800 | 4760 | 11000 | 23200 | 3160 | 10400 | 6110 | 909 | 3070 | 5530 | 571 | 2050 |
| 31 | --- | --- | --- | 24900 | 3820 | 11700 | 5760 | 921 | 2820 | --- | --- | --- |
| MONTH | 24100 | 1730 | 10100 | 24900 | 1900 | 9480 | 24000 | 909 | 9360 | 9780 | 209 | 1500 |

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

| Temperature, water, degrees Celsius TER YEAR OCTOBER 2003 TO SEPTEMBER 2004 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 23.1 | 21.3 | 22.3 | 20.0 | 18.2 | 19.0 | --- | --- | --- | --- | --- | --- |
| 2 | 22.6 | 21.1 | 21.8 | 19.9 | 18.0 | 18.9 | --- | --- | --- | --- | --- | --- |
| 3 | 21.9 | 20.1 | 21.0 | 19.9 | 18.4 | 19.1 | --- | --- | --- | --- | --- | --- |
| 4 | 21.6 | 19.8 | 20.7 | 20.4 | 19.0 | 19.7 | --- | --- | --- | --- | --- | --- |
| 5 | 21.9 | 20.3 | 20.9 | 20.9 | 19.8 | 20.3 | --- | --- | --- | --- | --- | --- |
| 6 | 22.0 | 20.4 | 21.1 | --- | -- | --- | --- | -- | - | - | --- | --- |
| 7 | 22.2 | 20.9 | 21.4 | 22.1 | 21.3 | 21.6 | --- | --- | --- | --- | --- | --- |
| 8 | 22.5 | 21.2 | 21.7 | 22.0 | 20.8 | 21.6 | --- | --- | --- | --- | --- | --- |
| 9 | 22.6 | 21.6 | 22.1 |  |  | , | --- | -- | - | --- | --- | --- |
| 10 | 22.3 | 21.7 | 21.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | 22.1 | 21.6 | 21.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 22.1 | 21.4 | 21.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | 22.4 | 21.4 | 21.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | 22.7 | 21.9 | 22.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | 22.5 | 21.8 | 22.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | 22.0 | 21.2 | 21.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | 22.2 | 21.1 | 21.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 | 21.7 | 21.1 | 21.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 19 | 21.6 | 20.7 | 21.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 20 | 21.5 | 20.5 | 20.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | 21.6 | 20.5 | 20.9 | 17.5 | 16.2 | 17.0 | --- | --- | --- | --- | --- | --- |
| 22 | 21.6 | 20.4 | 20.9 | , | , | . | --- | --- | --- | --- | --- | --- |
| 23 | 21.0 | 19.4 | 20.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | 20.5 | 19.2 | 19.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | 20.2 | 18.9 | 19.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | 20.6 | 19.4 | 20.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | 20.8 | 20.1 | 20.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28 | 21.0 | 20.4 | 20.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | 20.6 | 19.4 | 19.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | 20.2 | 18.3 | 19.4 | --- | --- | --- | --- | --- | -- | 7.0 | 6.2 | 6.5 |
| 31 | 20.1 | 18.3 | 19.2 | --- | --- | --- | --- | --- | -- | 7.2 | 6.4 | 6.7 |
| MONTH | 23.1 | 18.3 | 21.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Temperature, water, degrees Celsius |  |  |  |  |  |  |  |  |  |  |  |  |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 7.0 | 6.3 | 6.6 | 9.5 | 8.0 | 8.7 | 17.5 | 16.6 | 17.1 | 23.4 | 22.9 | 23.1 |
| 2 | 7.1 | 6.2 | 6.6 | 12.1 | 9.0 | 10.2 | 17.2 | 16.3 | 16.8 | 23.4 | 22.9 | 23.1 |
| 3 | 7.9 | 7.0 | 7.5 | 14.4 | 10.4 | 12.1 | 17.4 | 16.0 | 16.7 | 23.3 | 22.1 | 22.9 |
| 4 | 8.7 | 7.3 | 7.9 | 16.1 | 11.5 | 13.9 | 17.4 | 16.4 | 16.9 | 22.8 | 21.7 | 22.2 |
| 5 | 8.8 | 7.8 | 8.2 | 17.8 | 13.1 | 15.8 | 17.3 | 16.3 | 16.7 | 22.7 | 20.9 | 21.8 |
| 6 | 11.1 | 8.5 | 9.7 | 18.8 | 14.9 | 17.3 | 17.3 | 16.0 | 16.7 | 23.4 | 21.3 | 22.3 |
| 7 | 12.4 | 10.5 | 11.5 | 19.1 | 16.0 | 17.9 | 17.7 | 16.2 | 16.9 | 24.2 | 22.2 | 23.2 |
| 8 | 11.8 | 10.2 | 11.1 | 18.0 | 16.3 | 17.4 | 17.9 | 16.8 | 17.3 | 25.2 | 23.0 | 24.0 |
| 9 | 11.1 | 10.0 | 10.6 | 16.7 | 15.2 | 16.0 | 18.8 | 17.1 | 17.9 | 25.5 | 23.7 | 24.5 |
| 10 | 10.8 | 10.2 | 10.6 | 15.5 | 14.7 | 15.0 | 19.6 | 17.5 | 18.5 | 25.3 | 23.8 | 24.6 |
| 11 | 10.9 | 10.3 | 10.6 | 14.9 | 13.4 | 14.2 | 20.4 | 18.4 | 19.3 | 25.1 | 24.1 | 24.6 |
| 12 | 10.7 | 9.7 | 10.2 | 14.8 | 13.2 | 14.1 | 21.0 | 19.4 | 20.1 | 25.3 | 24.3 | 24.9 |
| 13 | 10.3 | 9.3 | 9.9 | 14.8 | 13.2 | 14.1 | 21.1 | 19.9 | 20.5 | 25.5 | 24.6 | 25.1 |
| 14 | 10.2 | 9.6 | 9.8 | 14.7 | 13.2 | 14.1 | 20.6 | 19.1 | 19.8 | 26.0 | 24.9 | 25.5 |
| 15 | 9.9 | 9.5 | 9.7 | 15.4 | 14.1 | 14.8 | 19.3 | 18.3 | 19.0 | 26.4 | 25.3 | 25.8 |
| 16 | 9.8 | 9.1 | 9.5 | 15.8 | 15.1 | 15.4 | 19.6 | 18.5 | 19.0 | 26.5 | 25.6 | 25.9 |
| 17 | 9.6 | 8.1 | 9.0 | 16.1 | 15.0 | 15.7 | 19.9 | 18.7 | 19.3 | 26.6 | 25.6 | 26.0 |
| 18 | 8.5 | 7.7 | 8.1 | 16.2 | 15.2 | 15.7 | 20.9 | 19.2 | 19.9 | 26.7 | 25.3 | 26.1 |
| 19 | 8.4 | 7.6 | 8.0 | 17.2 | 15.6 | 16.3 | 21.6 | 19.9 | 20.6 | 26.7 | 25.5 | 26.2 |
| 20 | 9.3 | 7.9 | 8.5 | 17.3 | 16.3 | 16.7 | 22.2 | 20.5 | 21.1 | 27.0 | 25.6 | 26.4 |
| 21 | 11.5 | 9.0 | 10.0 | 18.2 | 16.6 | 17.2 | 22.7 | 21.0 | 21.7 | 27.7 | 26.1 | 26.9 |
| 22 | 12.1 | 10.0 | 11.0 | 16.9 | 16.1 | 16.5 | 23.3 | 21.5 | 22.2 | 28.1 | 26.7 | 27.3 |
| 23 | 12.0 | 10.8 | 11.4 | 16.1 | 15.2 | 15.5 | 23.7 | 22.2 | 22.8 | 28.3 | 27.1 | 27.5 |
| 24 | 12.0 | 11.3 | 11.7 | 15.7 | 14.5 | 15.2 | 24.4 | 22.5 | 23.4 | 29.1 | 27.2 | 27.7 |
| 25 | 11.9 | 11.2 | 11.6 | 16.4 | 14.8 | 15.6 | 24.8 | 23.1 | 23.8 | 29.3 | 27.5 | 28.1 |
| 26 | 11.2 | 9.8 | 10.3 | 17.2 | 15.4 | 16.3 | 24.7 | 23.5 | 24.0 | 29.1 | 27.8 | 28.3 |
| 27 | 9.8 | 8.0 | 8.9 | 18.0 | 16.3 | 16.9 | 24.3 | 23.4 | 23.9 | 29.0 | 28.0 | 28.5 |
| 28 | 8.8 | 7.2 | 8.1 | 18.2 | 16.9 | 17.5 | 23.8 | 23.0 | 23.4 | 29.1 | 28.1 | 28.6 |
| 29 | 8.7 | 7.1 | 8.0 | 18.6 | 16.7 | 17.5 | 23.5 | 22.6 | 23.2 | 29.3 | 28.3 | 28.8 |
| 30 | --- | --- | --- | 17.6 | 16.5 | 17.3 | 23.6 | 22.8 | 23.3 | 29.3 | 28.4 | 28.9 |
| 31 | - | --- | - | 17.6 | 16.7 | 17.3 | --- | --- | --- | 29.3 | 28.4 | 28.9 |
| MONTH | 12.4 | 6.2 | 9.5 | 19.1 | 8.0 | 15.4 | 24.8 | 16.0 | 20.1 | 29.3 | 20.9 | 25.7 |

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued
Temperature, water, degrees Celsius
ATER YEAR OCTOBER 2003 TO SEPTEMBER 20

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  |  | JULY |  |  | JGUST |  |  | EPTEMB |  |
| 1 | 29.3 | 28.1 | 28.5 | 29.5 | 28.0 | 28.7 | 30.2 | 29.2 | 29.5 | 27.5 | 26.5 | 27.0 |
| 2 | 29.1 | 27.8 | 28.3 | 29.2 | 28.1 | 28.6 | 29.9 | 28.8 | 29.4 | 27.4 | 26.8 | 27.1 |
| 3 | 29.1 | 28.0 | 28.5 | 29.4 | 28.0 | 28.7 | 29.8 | 28.8 | 29.4 | 27.3 | 26.5 | 26.9 |
| 4 | 28.6 | 27.9 | 28.1 | 29.9 | 28.3 | 29.1 | 30.3 | 29.0 | 29.7 | 27.5 | 26.7 | 27.1 |
| 5 | 28.3 | 27.0 | 27.6 | 30.6 | 29.0 | 29.7 | 30.8 | 29.5 | 30.1 | 27.3 | 26.9 | 27.1 |
| 6 | 28.2 | 27.3 | 27.8 | 31.1 | 29.5 | 30.2 | 30.4 | 28.9 | 29.8 | 27.0 | 25.9 | 26.5 |
| 7 | 28.5 | 27.3 | 27.9 | 31.5 | 30.0 | 30.6 | 29.5 | 28.3 | 28.8 | 26.3 | 25.6 | 26.0 |
| 8 | 28.3 | 27.6 | 27.9 | 31.4 | 30.3 | 30.8 | 28.6 | 27.5 | 28.1 | 26.6 | 25.6 | 26.1 |
| 9 | 28.3 | 27.2 | 27.7 | 31.3 | 30.4 | 30.8 | 28.5 | 27.5 | 27.9 | 27.2 | 25.9 | 26.5 |
| 10 | 28.4 | 27.3 | 27.9 | 31.3 | 30.3 | 30.7 | 28.4 | 27.4 | 27.8 | 27.1 | 26.6 | 26.8 |
| 11 | 29.0 | 27.8 | 28.4 | 31.3 | 30.3 | 30.7 | 28.2 | 27.5 | 27.8 | 26.9 | 26.1 | 26.7 |
| 12 | 29.6 | 28.4 | 29.0 | 30.8 | 30.0 | 30.4 | 28.3 | 27.5 | 27.9 | 26.6 | 25.6 | 26.1 |
| 13 | 28.9 | 27.3 | 28.5 | 31.3 | 29.9 | 30.5 | 27.6 | 27.0 | 27.4 | 26.0 | 25.0 | 25.5 |
| 14 | 28.1 | 27.2 | 27.6 | 31.6 | 30.4 | 30.9 | 27.6 | 26.7 | 27.1 | 25.5 | 24.5 | 25.0 |
| 15 | 28.0 | 27.3 | 27.6 | 31.5 | 30.6 | 31.0 | 27.2 | 26.4 | 27.0 | 25.1 | 24.0 | 24.5 |
| 16 | 28.0 | 27.3 | 27.6 | 31.4 | 30.4 | 30.9 | 27.5 | 26.4 | 26.9 | 25.6 | 23.9 | 24.8 |
| 17 | 28.3 | 27.0 | 27.6 | 31.2 | 30.2 | 30.7 | 27.4 | 26.7 | 27.0 | 26.1 | 24.9 | 25.5 |
| 18 | 29.3 | 27.3 | 28.2 | 30.6 | 29.8 | 30.1 | 28.1 | 26.7 | 27.3 | 26.0 | 25.0 | 25.5 |
| 19 | 30.0 | 28.1 | 28.9 | 30.2 | 29.1 | 29.8 | 28.7 | 27.3 | 27.9 | 25.7 | 24.7 | 25.1 |
| 20 | 29.8 | 28.9 | 29.4 | 30.2 | 28.5 | 29.6 | 29.1 | 27.9 | 28.4 | 25.1 | 23.5 | 24.1 |
| 21 | 29.5 | 28.7 | 29.0 | 30.3 | 29.1 | 29.7 | 29.3 | 28.5 | 28.8 | 23.8 | 22.5 | 23.3 |
| 22 | 29.6 | 28.4 | 29.0 | 30.8 | 29.3 | 29.9 | 29.3 | 28.6 | 28.8 | 23.8 | 22.4 | 23.1 |
| 23 | 29.9 | 28.7 | 29.2 | 31.1 | 29.6 | 30.1 | 28.8 | 28.4 | 28.6 | 23.9 | 22.5 | 23.1 |
| 24 | 29.9 | 28.7 | 29.3 | 30.6 | 29.9 | 30.2 | 28.9 | 27.9 | 28.4 | 23.9 | 22.6 | 23.2 |
| 25 | 30.5 | 28.9 | 29.5 | 30.5 | 29.7 | 30.1 | 29.0 | 27.8 | 28.4 | 24.0 | 22.8 | 23.3 |
| 26 | 30.0 | 29.2 | 29.6 | 30.6 | 29.7 | 30.2 | 28.5 | 27.9 | 28.2 | 23.9 | 22.9 | 23.4 |
| 27 | 30.1 | 29.3 | 29.7 | 30.9 | 29.7 | 30.3 | 28.2 | 27.5 | 27.9 | 24.5 | 23.3 | 23.9 |
| 28 | 30.0 | 29.2 | 29.7 | 31.0 | 29.9 | 30.4 | 28.1 | 27.4 | 27.7 | 25.1 | 24.0 | 24.5 |
| 29 | 30.2 | 29.2 | 29.7 | 30.6 | 29.8 | 30.2 | 27.7 | 25.4 | 26.3 | 25.5 | 24.4 | 24.9 |
| 30 | 30.0 | 28.1 | 29.6 | 30.7 | 29.5 | 30.0 | 26.4 | 25.0 | 25.8 | 25.4 | 24.9 | 25.1 |
| 31 | - | - | - | 30.5 | 29.4 | 29.9 | 27.0 | 25.7 | 26.4 | --- | --- | --- |
| MONTH | 30.5 | 27.0 | 28.6 | 31.6 | 28.0 | 30.1 | 30.8 | 25.0 | 28.1 | 27.5 | 22.4 | 25.3 |

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued


02172084 AShLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued
Dissolved oxygen, water, unfiltered, milligrams per liter WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 4.4 | 2.8 | 3.4 | 4.9 | 3.7 | 4.3 | 3.6 | 3.0 | 3.3 | 3.9 | 3.4 | 3.7 |
| 2 | 4.5 | 3.2 | 3.5 | 4.5 | 3.3 | 3.8 | 3.7 | 3.1 | 3.4 | 3.8 | 3.4 | 3.6 |
| 3 | 4.3 | 3.1 | 3.4 | 4.7 | 3.3 | 3.8 | 3.8 | 3.2 | 3.4 | 4.0 | 3.5 | 3.7 |
| 4 | 4.0 | 3.2 | 3.6 | 5.0 | 3.2 | 3.9 | 3.7 | 3.1 | 3.4 | 4.2 | 3.6 | 3.9 |
| 5 | 4.0 | 3.4 | 3.7 | 5.4 | 3.2 | 4.1 | 3.8 | 3.0 | 3.3 | 4.3 | 3.9 | 4.1 |
| 6 | 3.9 | 3.4 | 3.7 | 5.6 | 3.3 | 4.3 | 3.8 | 3.1 | 3.4 | 4.7 | 4.2 | 4.5 |
| 7 | 4.1 | 3.5 | 3.7 | 6.6 | 3.7 | 4.6 | 4.0 | 3.3 | 3.6 | 5.1 | 4.5 | 4.8 |
| 8 | 4.3 | 3.6 | 3.8 | 6.9 | 3.7 | 4.7 | 4.2 | 3.6 | 3.8 | 5.1 | 4.5 | 4.8 |
| 9 | 4.3 | 3.7 | 3.9 | 6.1 | 3.7 | 4.7 | 4.3 | 3.6 | 3.8 | 4.5 | 3.4 | 4.2 |
| 10 | 4.2 | 3.7 | 3.9 | 5.6 | 3.6 | 4.5 | 4.2 | 3.5 | 3.8 | 3.8 | 2.9 | 3.4 |
| 11 | 4.3 | 3.6 | 3.9 | 5.3 | 3.2 | 4.2 | 3.9 | 3.4 | 3.6 | 3.7 | 2.7 | 3.1 |
| 12 | 4.4 | 3.7 | 4.0 | 4.7 | 3.1 | 3.6 | 4.0 | 3.4 | 3.7 | 3.7 | 2.8 | 3.2 |
| 13 | 4.4 | 4.0 | 4.1 | 4.8 | 2.8 | 3.5 | 3.9 | 3.6 | 3.7 | 3.6 | 3.1 | 3.3 |
| 14 | 4.4 | 3.9 | 4.2 | 5.0 | 2.9 | 3.6 | 4.2 | 3.4 | 3.7 | 3.6 | 3.1 | 3.4 |
| 15 | 4.2 | 3.9 | 4.1 | 4.9 | 2.9 | 3.7 | 4.6 | 3.5 | 3.8 | 3.7 | 3.3 | 3.5 |
| 16 | 4.7 | 3.8 | 4.0 | 5.1 | 3.1 | 3.9 | 3.9 | 3.4 | 3.6 | 3.7 | 3.3 | 3.5 |
| 17 | 4.3 | 3.7 | 4.0 | 4.6 | 2.9 | 3.8 | 3.6 | 3.2 | 3.5 | 4.2 | 3.6 | 3.9 |
| 18 | 4.4 | 3.6 | 4.0 | 4.3 | 3.0 | 3.5 | 3.9 | 3.3 | 3.5 | 4.0 | 3.5 | 3.8 |
| 19 | 4.5 | 3.7 | 4.0 | 4.0 | 2.8 | 3.4 | 3.9 | 3.3 | 3.5 | 4.1 | 3.3 | 3.8 |
| 20 | 4.6 | 3.6 | 4.1 | 3.8 | 2.8 | 3.3 | 3.8 | 3.3 | 3.5 | 4.4 | 3.8 | 4.1 |
| 21 | 5.1 | 3.8 | 4.3 | 4.1 | 2.7 | 3.2 | 3.9 | 3.2 | 3.5 | 4.6 | 4.0 | 4.2 |
| 22 | 4.9 | 3.8 | 4.4 | 4.0 | 2.7 | 3.1 | 4.0 | 3.2 | 3.4 | 4.8 | 3.8 | 4.4 |
| 23 | 4.9 | 4.0 | 4.5 | 4.4 | 2.7 | 3.2 | 3.8 | 3.1 | 3.4 | 4.6 | 4.1 | 4.4 |
| 24 | 5.5 | 4.2 | 4.6 | 4.2 | 2.9 | 3.3 | 3.8 | 3.2 | 3.4 | 4.6 | 4.1 | 4.3 |
| 25 | 6.1 | 4.1 | 4.5 | 3.7 | 3.0 | 3.3 | 3.8 | 3.2 | 3.5 | 4.7 | 4.1 | 4.4 |
| 26 | 6.0 | 4.1 | 4.7 | 3.5 | 3.0 | 3.2 | 3.7 | 3.3 | 3.5 | 4.9 | 4.3 | 4.5 |
| 27 | 7.2 | 4.0 | 5.2 | 3.6 | 2.9 | 3.2 | 3.8 | 3.4 | 3.5 | 5.1 | 4.4 | 4.7 |
| 28 | 7.3 | 4.3 | 5.3 | 3.5 | 3.0 | 3.2 | 3.9 | 3.5 | 3.7 | 5.0 | 4.5 | 4.8 |
| 29 | 7.2 | 4.2 | 5.4 | 3.7 | 2.9 | 3.3 | 5.6 | 3.8 | 4.7 | 4.5 | 4.0 | 4.3 |
| 30 | 5.7 | 4.0 | 4.9 | 3.6 | 3.1 | 3.4 | 4.9 | 4.1 | 4.5 | 4.2 | 3.7 | 4.0 |
| 31 | --- | --- | --- | 3.8 | 3.1 | 3.3 | 4.3 | 3.7 | 4.0 | - | --- | - |
| MONTH | 7.3 | 2.8 | 4.2 | 6.9 | 2.7 | 3.7 | 5.6 | 3.0 | 3.6 | 5.1 | 2.7 | 4.0 |

