

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

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2001 to May 2005 (discontinued).

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 2001 to May 2005 (discontinued).

WATER TEMPERATURE: April 2001 to May 2005 (discontinued).

DISSOLVED OXYGEN: April 2001 to May 2005 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent. Temperature records rated excellent. Dissolved oxygen records rated excellent except for Oct. 14 to Nov. 9, Nov. 20-22, Dec. 25 to Jan. 3, Feb. 6-8, Apr. 23 to May 4, which are good, and Dec. 15-24, which are fair. 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°C, July 31, 2002; minimum, 4.3°C, Jan. 25, 28, 2003.

DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Dec. 30, 2004; minimum, 2.4 mg/L, May 28, 2002, June 17, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 24,400 microsiemens, Jan. 10; minimum, 127 microsiemens, Apr. 3.

WATER TEMPERATURE: Maximum, 26.0°C, Oct. 2, 4; minimum, 6.0°C, Dec. 29.

DISSOLVED OXYGEN: Maximum, 13.2 mg/L, Dec. 30; minimum, 3.2 mg/L, Oct. 4-6.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
|-------|---------|------|------|----------|------|-------|----------|------|-------|---------|------|-------|
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 6410 | 638 | 2230 | 11000 | 2940 | 5800 | 15100 | 6680 | 10100 | 14900 | 5590 | 9690 |
| 2 | 5670 | 660 | 2020 | 11300 | 3270 | 6140 | 16300 | 7080 | 10900 | 15100 | 5640 | 9900 |
| 3 | 3970 | 628 | 1560 | 10500 | 3380 | 6100 | 15900 | 7510 | 11100 | 14600 | 5760 | 9810 |
| 4 | 3090 | 578 | 1270 | 12600 | 3570 | 6980 | 15300 | 7400 | 11000 | 14800 | 5160 | 9790 |
| 5 | 2860 | 557 | 1190 | 12400 | 3720 | 7030 | 15600 | 7730 | 11100 | 15100 | 4730 | 9720 |
| 6 | 4860 | 554 | 1480 | 12800 | 4160 | 7710 | 15900 | 7280 | 11500 | 16600 | 4220 | 10000 |
| 7 | 5320 | 545 | 1630 | 12300 | 3750 | 7700 | 16700 | 7080 | 11700 | 18200 | 4620 | 10600 |
| 8 | 8080 | 589 | 2510 | 13600 | 3890 | 8290 | 16800 | 6760 | 11500 | 21800 | 4430 | 12000 |
| 9 | 7170 | 570 | 2500 | 16100 | 4500 | 10200 | 19200 | 6760 | 12600 | 22000 | 4460 | 12500 |
| 10 | 7060 | 510 | 2280 | 18300 | 4220 | 10800 | 21700 | 7000 | 13000 | 24400 | 5180 | 13200 |
| 11 | 7870 | 555 | 2630 | 20400 | 4450 | 11200 | 19300 | 6300 | 11400 | 23900 | 5190 | 13100 |
| 12 | 10000 | 587 | 3500 | 21300 | 4550 | 11400 | 19700 | 6050 | 12000 | 23500 | 5660 | 13000 |
| 13 | 10200 | 730 | 3710 | 20200 | 4540 | 10900 | 20100 | 6580 | 11700 | 23200 | 6060 | 12900 |
| 14 | 8370 | 673 | 3320 | 21900 | 5080 | 11800 | 22000 | 6560 | 12800 | 18700 | 4860 | 9870 |
| 15 | 10800 | 747 | 3340 | 22300 | 5320 | 12100 | 22200 | 7060 | 13100 | 17400 | 5390 | 10100 |
| 16 | 8740 | 679 | 2740 | 21400 | 5630 | 11800 | 22100 | 7960 | 13700 | 16900 | 5270 | 10100 |
| 17 | 8380 | 687 | 2710 | 20400 | 5920 | 11600 | 21500 | 8180 | 13800 | 16700 | 4780 | 9180 |
| 18 | 8890 | 797 | 3000 | 19800 | 6070 | 11400 | 21000 | 8500 | 13900 | 14800 | 4710 | 8780 |
| 19 | 7620 | 816 | 2700 | 18400 | 6260 | 11300 | 19300 | 7780 | 13200 | 15400 | 4160 | 8830 |
| 20 | 7080 | 855 | 2670 | 17100 | 6060 | 11200 | 17300 | 8120 | 12000 | 12300 | 4050 | 8130 |
| 21 | 10700 | 1060 | 3870 | 16600 | 6060 | 11100 | 20500 | 8650 | 14000 | 16800 | 4190 | 9500 |
| 22 | 14600 | 1370 | 5740 | 18900 | 6300 | 12300 | 21400 | 9140 | 14600 | 18900 | 4290 | 9890 |
| 23 | 14400 | 1730 | 6480 | 20100 | 6540 | 12400 | 22200 | 8970 | 14500 | 10400 | 2940 | 5950 |
| 24 | 15200 | 1860 | 7010 | 20900 | 6510 | 12600 | 20800 | 8200 | 14100 | 15900 | 3130 | 8340 |
| 25 | 15000 | 2130 | 7430 | 18200 | 6200 | 10700 | 23400 | 9320 | 15900 | 14300 | 2760 | 7940 |
| 26 | 15600 | 2290 | 7610 | 19500 | 6350 | 12000 | 24300 | 8230 | 14600 | 18100 | 3370 | 8630 |
| 27 | 15300 | 2470 | 7330 | 21600 | 6950 | 13400 | 19500 | 7070 | 11800 | 16100 | 3060 | 8500 |
| 28 | 15400 | 2580 | 7390 | 16400 | 6490 | 10500 | 18900 | 6830 | 11500 | 18100 | 3720 | 9320 |
| 29 | 15500 | 2840 | 7470 | 17400 | 6410 | 10700 | 18000 | 6240 | 10900 | 17100 | 3810 | 9110 |
| 30 | 14700 | 2910 | 7050 | 17900 | 6990 | 11200 | 16000 | 5950 | 10100 | 16000 | 3110 | 8210 |
| 31 | 11800 | 2900 | 5830 | --- | --- | --- | 15700 | 5690 | 9900 | 14100 | 3240 | 7600 |
| MONTH | 15600 | 510 | 3940 | 22300 | 2940 | 10300 | 24300 | 5690 | 12400 | 24400 | 2760 | 9810 |

ASHLEY RIVER BASIN

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 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|----------|------|------|-------|-----|------|-------|-----|------|-------|------|------|
| | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
| 1 | 14200 | 3570 | 8150 | 4320 | 334 | 1050 | 267 | 131 | 181 | 8610 | 965 | 3350 |
| 2 | 17000 | 3690 | 8880 | 1320 | 300 | 632 | 342 | 137 | 183 | 9490 | 1140 | 4230 |
| 3 | 18900 | 2670 | 8830 | 1320 | 273 | 554 | 174 | 127 | 155 | 11800 | 1320 | 5180 |
| 4 | 15500 | 2550 | 7300 | 1890 | 253 | 575 | 188 | 128 | 161 | --- | --- | --- |
| 5 | 17700 | 2650 | 8240 | 1310 | 241 | 438 | 241 | 139 | 183 | --- | --- | --- |
| 6 | 20200 | 2490 | 9010 | 2960 | 254 | 679 | 488 | 146 | 234 | --- | --- | --- |
| 7 | 19800 | 2440 | 9130 | 2930 | 254 | 720 | 811 | 158 | 305 | --- | --- | --- |
| 8 | 20000 | 2590 | 9040 | 5040 | 262 | 976 | 1140 | 183 | 379 | --- | --- | --- |
| 9 | 19000 | 2630 | 8650 | 5090 | 270 | 1380 | 1780 | 203 | 481 | --- | --- | --- |
| 10 | 14700 | 2440 | 6990 | 5470 | 306 | 1570 | 2100 | 224 | 553 | --- | --- | --- |
| 11 | 14900 | 2440 | 6870 | 3240 | 336 | 1040 | 2100 | 240 | 564 | --- | --- | --- |
| 12 | 14800 | 2670 | 7260 | 2590 | 323 | 918 | 2000 | 251 | 555 | --- | --- | --- |
| 13 | 13900 | 2500 | 6660 | 3440 | 349 | 966 | 1910 | 269 | 565 | --- | --- | --- |
| 14 | 12500 | 2430 | 5770 | 3500 | 393 | 1120 | 1530 | 286 | 565 | --- | --- | --- |
| 15 | 8480 | 2190 | 4470 | --- | --- | --- | 1670 | 293 | 623 | --- | --- | --- |
| 16 | 8680 | 2270 | 4400 | 4790 | 489 | 1510 | 2080 | 314 | 682 | --- | --- | --- |
| 17 | 8920 | 2460 | 5080 | 3720 | 492 | 1240 | 3910 | 292 | 884 | --- | --- | --- |
| 18 | 10900 | 2230 | 5780 | 3460 | 500 | 1170 | 1760 | 284 | 582 | --- | --- | --- |
| 19 | 11400 | 2240 | 6450 | 4500 | 485 | 1520 | 869 | 275 | 467 | --- | --- | --- |
| 20 | 11600 | 2240 | 6780 | 5860 | 405 | 1700 | 1340 | 260 | 525 | --- | --- | --- |
| 21 | 12300 | 2240 | 6570 | 4810 | 399 | 1650 | 2840 | 283 | 767 | --- | --- | --- |
| 22 | 9530 | 1240 | 4560 | 8250 | 400 | 2900 | 5280 | 297 | 1320 | --- | --- | --- |
| 23 | 11000 | 1130 | 5240 | 6230 | 293 | 1380 | 3420 | 339 | 1140 | --- | --- | --- |
| 24 | 14300 | 1250 | 5390 | 1710 | 242 | 635 | 5870 | 337 | 1400 | --- | --- | --- |
| 25 | 11500 | 1010 | 4880 | 3780 | 241 | 1030 | 7270 | 389 | 1770 | --- | --- | --- |
| 26 | 12500 | 1170 | 5260 | 5530 | 270 | 1240 | 8450 | 472 | 2170 | --- | --- | --- |
| 27 | 16600 | 1220 | 5850 | 3580 | 207 | 852 | 8450 | 526 | 2220 | --- | --- | --- |
| 28 | 18700 | 609 | 4550 | 785 | 147 | 224 | 7780 | 659 | 2490 | --- | --- | --- |
| 29 | --- | --- | --- | 238 | 156 | 191 | 9320 | 828 | 3000 | --- | --- | --- |
| 30 | --- | --- | --- | 249 | 155 | 199 | 10100 | 889 | 3290 | --- | --- | --- |
| 31 | --- | --- | --- | 287 | 140 | 188 | --- | --- | --- | --- | --- | --- |
| MONTH | 20200 | 609 | 6640 | --- | --- | --- | 10100 | 127 | 946 | --- | --- | --- |

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

 Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
|-------|------|------|------|---------|------|------|----------|------|------|----------|------|------|---------|-----|------|
| | | | | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 25.8 | 24.9 | 25.3 | 21.9 | 20.8 | 21.3 | 15.3 | 14.9 | 15.1 | 8.8 | 7.6 | 8.0 | | | |
| 2 | 26.0 | 25.2 | 25.6 | 22.3 | 21.3 | 21.7 | 15.1 | 14.5 | 14.8 | 9.3 | 8.1 | 8.6 | | | |
| 3 | 25.9 | 25.4 | 25.7 | 22.6 | 21.7 | 22.1 | 15.0 | 14.4 | 14.6 | 10.0 | 8.8 | 9.3 | | | |
| 4 | 26.0 | 25.4 | 25.6 | 22.7 | 22.1 | 22.3 | 14.7 | 14.1 | 14.3 | 10.9 | 9.3 | 9.9 | | | |
| 5 | 25.9 | 25.1 | 25.4 | 22.4 | 21.7 | 22.1 | 14.5 | 13.8 | 14.1 | 11.5 | 9.8 | 10.5 | | | |
| 6 | 25.6 | 24.8 | 25.2 | 21.7 | 20.9 | 21.3 | 14.5 | 13.9 | 14.2 | 12.4 | 10.5 | 11.2 | | | |
| 7 | 25.2 | 24.0 | 24.6 | 21.1 | 20.3 | 20.7 | 15.1 | 14.1 | 14.6 | 12.8 | 11.3 | 11.9 | | | |
| 8 | 24.4 | 23.0 | 23.8 | 20.8 | 19.8 | 20.3 | 15.5 | 15.0 | 15.2 | 13.7 | 11.9 | 12.7 | | | |
| 9 | 24.0 | 22.7 | 23.3 | 20.3 | 18.2 | 19.4 | 16.4 | 15.4 | 15.9 | 14.4 | 12.9 | 13.6 | | | |
| 10 | 23.8 | 22.7 | 23.1 | 18.9 | 17.1 | 18.0 | 17.4 | 16.4 | 16.8 | 15.0 | 13.5 | 14.1 | | | |
| 11 | 23.7 | 22.5 | 23.0 | 18.1 | 16.6 | 17.4 | 17.0 | 15.6 | 16.3 | 14.9 | 13.8 | 14.3 | | | |
| 12 | 23.9 | 22.6 | 23.2 | 18.4 | 16.9 | 17.7 | 15.7 | 14.6 | 15.2 | 15.0 | 13.9 | 14.4 | | | |
| 13 | 24.0 | 22.9 | 23.4 | 18.3 | 17.1 | 17.6 | 14.7 | 14.1 | 14.4 | 16.2 | 14.4 | 15.0 | | | |
| 14 | 23.3 | 22.7 | 23.0 | 17.3 | 15.7 | 16.4 | 14.1 | 12.7 | 13.4 | 16.6 | 15.4 | 16.1 | | | |
| 15 | 23.0 | 21.8 | 22.4 | 16.3 | 14.5 | 15.2 | 13.1 | 11.3 | 12.0 | 15.6 | 13.9 | 14.6 | | | |
| 16 | 21.8 | 20.8 | 21.2 | 15.3 | 13.7 | 14.5 | 11.7 | 10.2 | 10.8 | 13.9 | 12.2 | 12.9 | | | |
| 17 | 21.6 | 20.4 | 21.0 | 15.0 | 13.4 | 14.2 | 11.1 | 9.9 | 10.6 | 12.5 | 10.5 | 11.4 | | | |
| 18 | 21.8 | 20.7 | 21.2 | 14.8 | 13.3 | 14.1 | 11.0 | 10.0 | 10.5 | 11.2 | 9.0 | 10.0 | | | |
| 19 | 22.3 | 21.1 | 21.7 | 15.2 | 13.9 | 14.5 | 10.7 | 9.7 | 10.2 | 10.0 | 7.7 | 8.7 | | | |
| 20 | 22.8 | 21.9 | 22.3 | 15.6 | 14.7 | 15.1 | 9.8 | 8.3 | 9.1 | 8.9 | 7.6 | 8.2 | | | |
| 21 | 22.6 | 21.9 | 22.3 | 15.9 | 15.3 | 15.6 | 8.9 | 7.4 | 8.4 | 9.2 | 7.7 | 8.5 | | | |
| 22 | 22.3 | 21.1 | 21.8 | 16.3 | 15.7 | 16.0 | 8.8 | 7.7 | 8.4 | 9.3 | 8.1 | 8.8 | | | |
| 23 | 21.5 | 20.1 | 21.0 | 16.8 | 16.1 | 16.5 | 10.1 | 8.4 | 9.4 | 8.7 | 7.6 | 8.3 | | | |
| 24 | 20.8 | 19.5 | 20.2 | 17.4 | 16.6 | 17.0 | 10.0 | 9.3 | 9.7 | 7.8 | 6.9 | 7.4 | | | |
| 25 | 20.5 | 19.4 | 20.0 | 17.8 | 17.0 | 17.4 | 9.5 | 8.4 | 9.0 | 7.7 | 6.5 | 7.1 | | | |
| 26 | 20.1 | 19.3 | 19.6 | 17.0 | 15.6 | 16.4 | 8.6 | 7.0 | 7.8 | 8.0 | 6.7 | 7.5 | | | |
| 27 | 20.0 | 19.0 | 19.5 | 15.8 | 14.7 | 15.3 | 7.3 | 6.5 | 6.8 | 8.5 | 7.8 | 8.2 | | | |
| 28 | 20.0 | 19.3 | 19.6 | 15.2 | 14.7 | 15.0 | 7.0 | 6.1 | 6.5 | 8.4 | 7.1 | 7.6 | | | |
| 29 | 20.0 | 19.3 | 19.6 | 15.0 | 14.5 | 14.8 | 7.1 | 6.0 | 6.6 | 7.3 | 6.3 | 6.6 | | | |
| 30 | 20.4 | 19.4 | 20.0 | 15.2 | 14.4 | 14.8 | 7.4 | 6.5 | 7.0 | 6.8 | 6.2 | 6.6 | | | |
| 31 | 21.3 | 20.2 | 20.7 | --- | --- | --- | 7.8 | 7.1 | 7.4 | 7.2 | 6.1 | 6.6 | | | |
| MONTH | 26.0 | 19.0 | 22.4 | 22.7 | 13.3 | 17.5 | 17.4 | 6.0 | 11.6 | 16.6 | 6.1 | 10.3 | | | |

| DAY | MAX | MIN | MEAN | Temperature, water, degrees Celsius | | | MAX | MIN | MEAN | MAX | MIN | MEAN | | | |
|-------|------|------|------|-------------------------------------|------|------|-------|------|------|-------|------|------|-----|--|--|
| | | | | MAX | MIN | MEAN | | | | | | | | | |
| | | | | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
| 1 | 7.1 | 6.5 | 6.8 | 12.3 | 11.0 | 11.6 | 18.9 | 17.8 | 18.4 | 20.9 | 19.6 | 20.2 | | | |
| 2 | 7.0 | 6.4 | 6.8 | 11.6 | 10.4 | 11.0 | 18.8 | 17.8 | 18.4 | 21.0 | 19.5 | 20.4 | | | |
| 3 | 7.0 | 6.8 | 6.9 | 11.2 | 10.2 | 10.6 | 17.8 | 16.8 | 17.4 | 21.1 | 19.6 | 20.5 | | | |
| 4 | 7.4 | 6.6 | 7.0 | 10.9 | 9.6 | 10.4 | 18.1 | 16.5 | 17.4 | --- | --- | --- | | | |
| 5 | 7.5 | 6.7 | 7.2 | 11.1 | 9.8 | 10.5 | 18.1 | 16.9 | 17.6 | --- | --- | --- | | | |
| 6 | 7.8 | 7.1 | 7.5 | 11.4 | 10.1 | 10.8 | 18.8 | 17.6 | 18.1 | --- | --- | --- | | | |
| 7 | 8.6 | 7.4 | 7.9 | 11.9 | 10.6 | 11.3 | 19.3 | 18.4 | 18.7 | --- | --- | --- | | | |
| 8 | 9.2 | 7.8 | 8.4 | 13.5 | 11.7 | 12.3 | 20.0 | 18.5 | 19.1 | --- | --- | --- | | | |
| 9 | 9.6 | 8.5 | 9.0 | 12.9 | 11.0 | 12.0 | 19.7 | 19.1 | 19.4 | --- | --- | --- | | | |
| 10 | 10.9 | 9.1 | 9.9 | 12.4 | 11.0 | 11.7 | 19.8 | 18.5 | 19.2 | --- | --- | --- | | | |
| 11 | 10.1 | 9.1 | 9.6 | 12.4 | 11.3 | 11.8 | 20.0 | 18.4 | 19.2 | --- | --- | --- | | | |
| 12 | 9.9 | 8.4 | 9.3 | 12.6 | 11.2 | 11.9 | 19.7 | 18.5 | 19.2 | --- | --- | --- | | | |
| 13 | 9.7 | 8.7 | 9.3 | 13.7 | 12.0 | 12.7 | 20.1 | 19.1 | 19.6 | --- | --- | --- | | | |
| 14 | 10.1 | 9.1 | 9.6 | 14.4 | 12.9 | 13.5 | 19.7 | 18.5 | 18.8 | --- | --- | --- | | | |
| 15 | 10.8 | 9.7 | 10.1 | 14.5 | 13.2 | 13.7 | 18.6 | 17.1 | 17.9 | --- | --- | --- | | | |
| 16 | 11.7 | 10.2 | 10.8 | 14.0 | 13.2 | 13.6 | 18.0 | 16.1 | 17.1 | --- | --- | --- | | | |
| 17 | 12.0 | 11.0 | 11.4 | 13.2 | 12.2 | 12.6 | 17.2 | 15.5 | 16.7 | --- | --- | --- | | | |
| 18 | 11.7 | 10.8 | 11.3 | 12.3 | 11.2 | 11.8 | 17.5 | 15.9 | 16.8 | --- | --- | --- | | | |
| 19 | 11.6 | 10.5 | 11.3 | 12.3 | 10.8 | 11.7 | 18.3 | 16.6 | 17.4 | --- | --- | --- | | | |
| 20 | 11.7 | 11.0 | 11.4 | 12.7 | 11.3 | 12.1 | 19.1 | 17.5 | 18.2 | --- | --- | --- | | | |
| 21 | 12.8 | 11.4 | 11.9 | 13.2 | 12.4 | 12.7 | 20.0 | 18.3 | 19.0 | --- | --- | --- | | | |
| 22 | 14.3 | 12.4 | 13.3 | 14.0 | 12.9 | 13.2 | 20.8 | 19.1 | 19.8 | --- | --- | --- | | | |
| 23 | 15.2 | 13.4 | 14.2 | 15.8 | 13.7 | 14.6 | 20.9 | 19.7 | 20.2 | --- | --- | --- | | | |
| 24 | 15.8 | 14.2 | 14.8 | 17.5 | 14.8 | 16.1 | 19.9 | 18.9 | 19.4 | --- | --- | --- | | | |
| 25 | 15.3 | 13.9 | 14.4 | 17.6 | 15.6 | 16.5 | 19.0 | 17.9 | 18.5 | --- | --- | --- | | | |
| 26 | 14.2 | 13.0 | 13.6 | 18.3 | 16.0 | 17.0 | 18.9 | 18.2 | 18.4 | --- | --- | --- | | | |
| 27 | 13.6 | 12.7 | 13.1 | 18.0 | 16.6 | 17.4 | 19.9 | 18.1 | 18.7 | --- | --- | --- | | | |
| 28 | 12.8 | 11.7 | 12.2 | 18.1 | 17.1 | 17.7 | 19.8 | 18.2 | 18.9 | --- | --- | --- | | | |
| 29 | --- | --- | --- | 17.7 | 16.5 | 17.2 | 20.0 | 18.7 | 19.3 | --- | --- | --- | | | |
| 30 | --- | --- | --- | 18.6 | 16.8 | 17.6 | 20.4 | 19.2 | 19.8 | --- | --- | --- | | | |
| 31 | --- | --- | --- | 18.5 | 17.4 | 18.0 | --- | --- | --- | --- | --- | --- | | | |
| MONTH | 15.8 | 6.4 | 10.3 | 18.6 | 9.6 | 13.4 | 20.9 | 15.5 | 18.6 | --- | --- | --- | | | |

ASHLEY RIVER BASIN

02172084 ASHLEY RIVER AT BAKERS LANDING 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 | 4.0 | 3.6 | 3.8 | 5.7 | 4.4 | 5.1 | 7.9 | 7.5 | 7.7 | 12.9 | 12.0 | 12.6 |
| 2 | 3.9 | 3.4 | 3.7 | 5.7 | 4.4 | 5.0 | 8.0 | 7.5 | 7.7 | 12.7 | 11.9 | 12.5 |
| 3 | 3.8 | 3.3 | 3.5 | 5.6 | 4.3 | 4.9 | 8.1 | 7.6 | 7.8 | 12.6 | 11.7 | 12.2 |
| 4 | 3.6 | 3.2 | 3.4 | 5.7 | 4.3 | 4.9 | 8.3 | 7.7 | 7.9 | 12.1 | 11.2 | 11.7 |
| 5 | 3.5 | 3.2 | 3.3 | 5.7 | 4.4 | 5.0 | 8.4 | 7.8 | 8.0 | 11.9 | 11.2 | 11.6 |
| 6 | 3.7 | 3.2 | 3.4 | 5.7 | 4.7 | 5.2 | 8.3 | 7.7 | 8.0 | 11.7 | 10.8 | 11.3 |
| 7 | 3.8 | 3.4 | 3.6 | 5.6 | 4.5 | 5.2 | 8.3 | 7.6 | 8.0 | 11.3 | 10.5 | 10.9 |
| 8 | 4.1 | 3.6 | 3.8 | 5.8 | 4.7 | 5.3 | 8.2 | 7.6 | 7.9 | 10.9 | 10.3 | 10.6 |
| 9 | 4.2 | 3.8 | 4.0 | 5.9 | 4.9 | 5.5 | 8.0 | 7.3 | 7.7 | 10.5 | 9.6 | 10.0 |
| 10 | 4.2 | 3.8 | 4.0 | 6.2 | 5.4 | 5.8 | 7.8 | 7.2 | 7.5 | 10.1 | 9.4 | 9.7 |
| 11 | 4.2 | 3.8 | 4.0 | 6.3 | 5.9 | 6.1 | 7.9 | 7.2 | 7.4 | 10.0 | 9.1 | 9.5 |
| 12 | 4.2 | 3.8 | 4.1 | 6.3 | 6.0 | 6.1 | 8.2 | 7.2 | 7.6 | 9.7 | 9.0 | 9.3 |
| 13 | 4.7 | 3.9 | 4.3 | 6.3 | 6.0 | 6.1 | 8.6 | 7.3 | 7.8 | 9.2 | 8.6 | 8.9 |
| 14 | 4.9 | 4.3 | 4.6 | 6.9 | 6.3 | 6.6 | 9.3 | 7.4 | 8.2 | 8.8 | 8.0 | 8.4 |
| 15 | 5.3 | 4.5 | 5.0 | 7.4 | 6.7 | 6.9 | 9.9 | 8.1 | 8.8 | 8.7 | 7.9 | 8.3 |
| 16 | 5.6 | 4.9 | 5.2 | 7.6 | 6.9 | 7.2 | 10.5 | 8.4 | 9.3 | 9.1 | 8.4 | 8.6 |
| 17 | 5.6 | 5.0 | 5.3 | 7.8 | 7.0 | 7.4 | 10.6 | 8.6 | 9.5 | 9.6 | 8.6 | 9.1 |
| 18 | 5.5 | 5.0 | 5.3 | 7.8 | 7.2 | 7.5 | 10.7 | 8.8 | 9.6 | 9.9 | 9.1 | 9.5 |
| 19 | 5.6 | 5.1 | 5.3 | 7.7 | 7.3 | 7.5 | 11.4 | 8.9 | 10 | 10.0 | 9.3 | 9.7 |
| 20 | 5.4 | 4.9 | 5.2 | 7.6 | 7.3 | 7.4 | 11.5 | 9.7 | 10.6 | 10.2 | 9.6 | 9.9 |
| 21 | 5.5 | 5.0 | 5.2 | 7.5 | 7.2 | 7.4 | 11.7 | 9.7 | 10.6 | 10.3 | 9.6 | 10.0 |
| 22 | 5.6 | 5.1 | 5.4 | 7.3 | 6.6 | 7.0 | 11.7 | 9.8 | 10.7 | 10.5 | 9.7 | 10.1 |
| 23 | 5.8 | 5.3 | 5.6 | 6.9 | 6.6 | 6.7 | 11.5 | 9.8 | 10.5 | 10.6 | 9.9 | 10.3 |
| 24 | 5.8 | 5.5 | 5.7 | 6.9 | 6.5 | 6.7 | 11.1 | 9.7 | 10.4 | 10.9 | 10.3 | 10.6 |
| 25 | 5.9 | 5.0 | 5.5 | 7.1 | 6.6 | 6.9 | 11.1 | 9.8 | 10.4 | 11.0 | 10.5 | 10.7 |
| 26 | 5.6 | 5.0 | 5.4 | 7.2 | 6.8 | 7.0 | 11.8 | 10.2 | 11.0 | 11.1 | 10.4 | 10.8 |
| 27 | 5.7 | 5.0 | 5.5 | 7.3 | 7.0 | 7.1 | 12.5 | 10.8 | 11.7 | 11.0 | 10.6 | 10.8 |
| 28 | 5.7 | 5.0 | 5.4 | 7.5 | 7.2 | 7.3 | 13.0 | 11.1 | 12.1 | 11.3 | 10.6 | 10.9 |
| 29 | 5.7 | 5.0 | 5.4 | 7.7 | 7.3 | 7.4 | 13.1 | 11.5 | 12.4 | 11.3 | 10.8 | 11.1 |
| 30 | 5.8 | 5.0 | 5.4 | 7.8 | 7.3 | 7.5 | 13.2 | 11.7 | 12.6 | 11.4 | 10.9 | 11.1 |
| 31 | 5.8 | 4.8 | 5.3 | --- | --- | --- | 13.1 | 11.9 | 12.7 | 11.4 | 10.9 | 11.1 |
| MONTH | 5.9 | 3.2 | 4.7 | 7.8 | 4.3 | 6.4 | 13.2 | 7.2 | 9.4 | 12.9 | 7.9 | 10.4 |

| Dissolved oxygen, water, unfiltered, milligrams per liter | | | | | | | | | | | | |
|---|----------|------|------|-------|-----|------|-------|-----|------|-----|-----|------|
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
| 1 | 11.5 | 10.8 | 11.1 | 8.8 | 8.0 | 8.4 | 5.3 | 4.8 | 5.1 | 6.2 | 5.1 | 5.7 |
| 2 | 11.4 | 10.9 | 11.1 | 8.9 | 8.5 | 8.7 | 6.5 | 5.0 | 5.7 | 6.0 | 5.0 | 5.5 |
| 3 | 11.2 | 10.6 | 10.8 | 8.9 | 8.4 | 8.6 | 6.5 | 5.6 | 6.2 | 5.9 | 5.0 | 5.5 |
| 4 | 10.9 | 10.5 | 10.7 | 9.0 | 8.2 | 8.7 | 6.3 | 5.3 | 5.7 | 5.7 | 4.8 | 5.3 |
| 5 | 10.9 | 10.5 | 10.7 | 9.5 | 8.5 | 8.9 | 5.7 | 5.1 | 5.5 | 5.6 | 4.9 | 5.2 |
| 6 | 10.9 | 10.5 | 10.7 | 9.2 | 8.4 | 8.8 | 5.9 | 5.4 | 5.6 | 5.6 | 5.2 | 5.4 |
| 7 | 10.9 | 10.3 | 10.6 | 9.1 | 8.4 | 8.8 | 5.8 | 5.5 | 5.6 | 5.6 | 5.2 | 5.4 |
| 8 | 10.8 | 10.1 | 10.5 | 8.8 | 8.5 | 8.7 | 5.8 | 5.3 | 5.5 | 5.4 | 5.0 | 5.2 |
| 9 | 10.5 | 9.8 | 10.1 | 8.8 | 8.5 | 8.6 | 5.7 | 5.0 | 5.3 | --- | --- | --- |
| 10 | 10.3 | 9.4 | 9.8 | 8.8 | 8.3 | 8.5 | 5.8 | 5.0 | 5.4 | --- | --- | --- |
| 11 | 10.5 | 9.5 | 9.9 | 8.8 | 8.0 | 8.4 | 5.8 | 5.2 | 5.4 | --- | --- | --- |
| 12 | 10.8 | 9.5 | 10.0 | 8.9 | 8.4 | 8.6 | 5.7 | 5.2 | 5.4 | --- | --- | --- |
| 13 | 10.6 | 9.6 | 10.0 | 8.8 | 8.3 | 8.5 | 5.7 | 5.3 | 5.4 | --- | --- | --- |
| 14 | 10.3 | 9.4 | 9.9 | 8.5 | 8.1 | 8.3 | 5.8 | 5.5 | 5.7 | --- | --- | --- |
| 15 | 10.1 | 9.2 | 9.6 | 8.8 | 7.9 | 8.3 | 6.2 | 5.7 | 6.0 | --- | --- | --- |
| 16 | 10.0 | 9.0 | 9.5 | 8.8 | 8.2 | 8.4 | 6.7 | 6.2 | 6.4 | --- | --- | --- |
| 17 | 9.9 | 8.9 | 9.4 | 8.6 | 8.0 | 8.3 | 6.7 | 6.4 | 6.6 | --- | --- | --- |
| 18 | 9.8 | 8.8 | 9.3 | 8.5 | 8.1 | 8.3 | 6.7 | 6.5 | 6.6 | --- | --- | --- |
| 19 | 10.2 | 8.7 | 9.4 | 8.5 | 8.1 | 8.3 | 6.6 | 6.3 | 6.5 | --- | --- | --- |
| 20 | 9.8 | 8.6 | 9.3 | 8.5 | 8.0 | 8.3 | 6.6 | 6.2 | 6.3 | --- | --- | --- |
| 21 | 9.6 | 8.4 | 9.1 | 8.4 | 7.9 | 8.1 | 6.4 | 6.0 | 6.2 | --- | --- | --- |
| 22 | 9.2 | 8.1 | 8.6 | 8.4 | 7.8 | 8.1 | 6.3 | 5.5 | 5.9 | --- | --- | --- |
| 23 | 8.8 | 7.6 | 8.3 | 8.1 | 7.0 | 7.7 | 6.0 | 5.3 | 5.6 | --- | --- | --- |
| 24 | 8.5 | 7.1 | 7.8 | 7.5 | 6.3 | 7.0 | 6.4 | 5.5 | 6.0 | --- | --- | --- |
| 25 | 8.2 | 6.9 | 7.6 | 7.3 | 6.2 | 6.8 | 6.3 | 5.3 | 5.9 | --- | --- | --- |
| 26 | 8.5 | 7.1 | 7.8 | 7.2 | 5.9 | 6.4 | 6.3 | 5.2 | 5.8 | --- | --- | --- |
| 27 | 8.4 | 7.3 | 7.9 | 7.0 | 5.8 | 6.5 | 6.3 | 5.3 | 5.9 | --- | --- | --- |
| 28 | 8.5 | 7.8 | 8.2 | 6.5 | 6.1 | 6.4 | 6.4 | 5.1 | 5.9 | --- | --- | --- |
| 29 | --- | --- | --- | 6.4 | 6.0 | 6.2 | 6.6 | 5.3 | 5.9 | --- | --- | --- |
| 30 | --- | --- | --- | 6.1 | 5.4 | 5.7 | 6.6 | 5.3 | 5.9 | --- | --- | --- |
| 31 | --- | --- | --- | 5.6 | 5.1 | 5.3 | --- | --- | --- | --- | --- | --- |
| MONTH | 11.5 | 6.9 | 9.6 | 9.5 | 5.1 | 7.9 | 6.7 | 4.8 | 5.8 | --- | --- | --- |