PERIOD OF RECORD.--Water years 1997 to current year.
PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Water years 1997 to current year.
DISSOLVED OXYGEN: Water years 1997 to current year.
INSTRUMENTATION.--Water-quality monitor since May 1997.
REMARKS.--Interruptions in the data are due to malfunctions of the monitor. Data were collected during the current year for the months of October, November 2001, May through September 2002.

EXTREMES FOR PERIOD OF RECORD.--

| CONSTITUENT | MAXIMUM RECORDED | MINIMUM RECORDED |
| :--- | :--- | :--- |
| WATER TEMPERATURE, ${ }^{\circ} \mathrm{C}$ | 24.9, August 14,2002 | 6.8, June 2, 2001 |
| DISSOLVED OXYGEN, mg/L | 12.0, June 14, 2001 | 3.1, November 1, 1998 |

EXTREMES FOR CURRENT YEAR.--

| CONSTITUENT | MAXIMUM RECORDED | MINIMUM RECORDED |
| :--- | :--- | :--- |
| WATER TEMPERATURE, ${ }^{\circ} \mathrm{C}$ | 24.9, August 14 | 10.8, November 7 |
| DISSOLVED OXYGEN, mg/L | 11.0, November 4 | 4.3, July 4, August 17 |


| DAY | MAX | WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 16.8 | 15.6 | 16.2 | 12.1 | 11.3 | 11.7 | --- | --- | --- | --- | --- | --- |
| 2 | 16.9 | 15.9 | 16.3 | 12.5 | 11.5 | 11.9 | --- | --- | --- | --- | --- | --- |
| 3 | 16.8 | 15.5 | 16.1 | 12.4 | 11.7 | 11.9 | --- | --- | --- | --- | --- | --- |
| 4 | 16.7 | 15.6 | 16.1 | 12.1 | 11.3 | 11.7 | --- | --- | --- | --- | --- | --- |
| 5 | 16.9 | 15.6 | 16.3 | 12.0 | 11.2 | 11.6 | --- | --- | --- | --- | --- | --- |
| 6 | 16.8 | 15.9 | 16.5 | 12.0 | 10.9 | 11.5 | --- | --- | --- | --- | --- | --- |
| 7 | 16.1 | 15.1 | 15.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 16.4 | 15.0 | 15.7 | --- | --- | --- | --- | --- | --- | --- | -- | -- |
| 9 | 16.4 | 14.9 | 15.7 | --- | --- | --- | --- | --- | --- | - | --- | --- |
| 10 | 15.6 | 14.8 | 15.2 | --- | -- | -- | --- | -- | --- | --- | -- | --- |
| 11 | 15.7 | 14.8 | 15.2 | --- | - | --- | --- | --- | --- | --- | --- | --- |
| 12 | 15.9 | 15.1 | 15.4 | -- | -- | -- | --- | -- | --- | --- | --- | --- |
| 13 | 16.1 | 15.4 | 15.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | 15.9 | 15.3 | 15.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | 15.9 | 15.3 | 15.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | 15.6 | 14.8 | 15.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | 15.9 | 14.3 | 14.9 | - | -- | -- | - | --- | --- | -- | --- | --- |
| 18 | 15.9 | 14.1 | 14.9 | - | - | - | --- | --- | --- | -- | -- | -- |
| 19 | 14.6 | 13.5 | 14.1 | - | - | - | --- | --- | --- | --- | --- | -- |
| 20 | 14.0 | 13.2 | 13.6 | --- | --- | - | --- | --- | --- | - | --- | --- |
| 21 | 14.0 | 13.2 | 13.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | 14.0 | 13.2 | 13.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | 14.2 | 13.5 | 13.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | 14.5 | 13.7 | 14.0 | --- | - | - | --- | --- | --- | -- | -- | - |
| 25 | 14.4 | 13.8 | 14.2 | - | --- | --- | --- | --- | --- | --- | --- | -- |
| 26 | 14.1 | 13.0 | 13.6 | --- | --- | --- | --- | --- | --- | -- | --- | --- |
| 27 | 13.0 | 12.4 | 12.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28 | 13.6 | 12.3 | 12.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | 13.4 | 11.9 | 12.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | 12.6 | 11.3 | 12.0 | - | -- | - | --- | --- | --- | --- | --- | --- |
| 31 | 12.4 | 11.3 | 11.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MONTH | 16.9 | 11.3 | 14.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC--Continued
WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | - | - | - | --- | --- | --- | - | -- | --- | --- | --- | --- |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | --- | - | --- | --- | - | --- | --- | --- | --- | 16.7 | 15.0 | 15.8 |
| 4 | --- | --- | --- | --- | - | --- | --- | --- | --- | 16.1 | 14.7 | 15.5 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.2 | 15.7 | 16.0 |
| 6 | --- | --- | - | - | - | --- | -- | --- | --- | 16.3 | 14.1 | 15.6 |
| 7 | --- | - | - | --- | -- | --- | - | --- | --- | 16.5 | 14.8 | 15.9 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.8 | 15.2 | 16.2 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.1 | 15.9 | 16.6 |
| 10 | --- | --- | --- | --- | - | --- | --- | --- | --- | 17.1 | 16.3 | 16.7 |
| 11 | --- | - | --- | --- | - | --- | --- | --- | --- | 17.5 | 16.2 | 16.9 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18.6 | 16.9 | 17.4 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.9 | 17.1 | 17.5 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.7 | 15.2 | 16.5 |
| 15 | - | - | --- | - | --- | --- | - | --- | --- | 17.6 | 15.3 | 16.7 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.5 | 15.7 | 16.9 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.4 | 16.2 | 16.8 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.3 | 14.9 | 15.9 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.8 | 14.3 | 15.3 |
| 20 | - | --- | --- | --- | --- | --- | --- | --- | --- | 16.9 | 13.4 | 15.3 |
| 21 | --- | --- | --- | --- | - | --- | --- | -- | --- | 16.0 | 13.9 | 15.2 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.8 | 12.9 | 14.4 |
| 23 | --- | - | --- | --- | --- | --- | --- | --- | --- | 15.6 | 13.0 | 14.5 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15.9 | 13.7 | 15.0 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.1 | 14.6 | 15.5 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.4 | 15.2 | 15.7 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.0 | 15.2 | 15.7 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.6 | 15.4 | 16.0 |
| 29 | - | - | --- | --- | --- | --- | --- | --- | --- | 16.9 | 15.6 | 16.3 |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.4 | 16.0 | 16.7 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.8 | 16.4 | 17.1 |
| MONTH | - | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 18.9 | 16.7 | 17.3 | 22.4 | 21.0 | 21.7 | 24.2 | 22.6 | 23.3 | 23.6 | 22.1 | 22.8 |
| 2 | 18.6 | 17.3 | 17.8 | 22.4 | 21.4 | 21.8 | 24.4 | 22.7 | 23.5 | 23.5 | 22.2 | 22.8 |
| 3 | 18.8 | 17.1 | 17.8 | 22.4 | 21.1 | 21.7 | 24.4 | 22.6 | 23.3 | 23.7 | 22.4 | 23.0 |
| 4 | 18.8 | 17.1 | 18.0 | 22.8 | 21.1 | 21.8 | 24.6 | 22.9 | 23.6 | 23.8 | 22.5 | 23.2 |
| 5 | 19.1 | 17.6 | 18.2 | 22.8 | 21.5 | 22.1 | 24.6 | 22.7 | 23.5 | 23.8 | 22.5 | 23.1 |
| 6 | 19.1 | 17.5 | 18.6 | 23.4 | 21.9 | 22.4 | 24.0 | 22.9 | 23.4 | 23.8 | 22.6 | 23.1 |
| 7 | 19.9 | 18.3 | 18.9 | 23.6 | 21.8 | 22.5 | 24.0 | 22.6 | 23.4 | 23.8 | 22.4 | 23.0 |
| 8 | 19.2 | 18.0 | 18.5 | 23.7 | 21.6 | 22.5 | 24.2 | 22.7 | 23.5 | 23.8 | 22.4 | 23.0 |
| 9 | 19.8 | 18.2 | 19.0 | 23.1 | 21.9 | 22.4 | 24.5 | 22.8 | 23.6 | 23.8 | 22.4 | 22.9 |
| 10 | 20.4 | 18.5 | 19.3 | 22.8 | 21.9 | 22.4 | 24.3 | 22.8 | 23.6 | 23.8 | 22.0 | 22.7 |
| 11 | 20.2 | 18.6 | 19.3 | 22.8 | 21.1 | 21.8 | 24.5 | 23.3 | 23.8 | 23.1 | 22.2 | 22.7 |
| 12 | 20.6 | 18.9 | 19.7 | 22.4 | 20.6 | 21.4 | 24.6 | 23.1 | 23.7 | 23.4 | 21.9 | 22.6 |
| 13 | 20.6 | 19.3 | 20.2 | 22.1 | 21.0 | 21.5 | 24.3 | 23.0 | 23.6 | 23.0 | 22.2 | 22.7 |
| 14 | 20.5 | 19.7 | 20.1 | 22.1 | 21.0 | 21.4 | 24.9 | 23.2 | 23.9 | 22.9 | 22.3 | 22.7 |
| 15 | 20.8 | 19.4 | 20.1 | 22.3 | 20.6 | 21.3 | 24.4 | 23.0 | 23.6 | 22.6 | 22.0 | 22.3 |
| 16 | 20.8 | 19.4 | 20.0 | 22.9 | 20.9 | 21.7 | 24.2 | 23.1 | 23.5 | 22.8 | 22.0 | 22.3 |
| 17 | 21.2 | 19.2 | 20.2 | 22.8 | 21.4 | 21.9 | 24.0 | 23.1 | 23.5 | 22.6 | 21.8 | 22.1 |
| 18 | 20.9 | 19.6 | 20.2 | 22.8 | 21.7 | 22.1 | 24.7 | 23.2 | 23.8 | 22.4 | 21.8 | 22.0 |
| 19 | 21.3 | 19.9 | 20.5 | 22.9 | 21.5 | 22.0 | --- | --- | --- | 22.8 | 21.6 | 22.1 |
| 20 | 21.5 | 20.1 | 20.7 | 23.0 | 21.6 | 22.1 | --- | -- | --- | 22.6 | 21.8 | 22.1 |
| 21 | 22.1 | 20.1 | 21.0 | 23.6 | 21.6 | 22.6 | 24.5 | 23.0 | 23.7 | 22.2 | 21.6 | 21.9 |
| 22 | 21.7 | 19.8 | 20.7 | 23.1 | 21.8 | 22.2 | --- | --- | --- | 21.6 | 20.5 | 21.3 |
| 23 | 23.4 | 20.8 | 21.8 | 23.0 | 21.4 | 22.2 | 24.7 | 23.2 | 23.8 | 21.2 | 20.1 | 20.6 |
| 24 | 22.1 | 20.9 | 21.5 | 23.3 | 21.6 | 22.3 | 24.2 | 23.3 | 23.7 | 21.6 | 20.7 | 21.1 |
| 25 | 21.9 | 20.6 | 21.1 | 22.8 | 21.6 | 22.3 | 24.2 | 23.4 | 23.8 | --- | -- | --- |
| 26 | 22.1 | 21.0 | 21.4 | 22.7 | 21.3 | 22.1 | 24.0 | 21.9 | 23.2 | --- | - | --- |
| 27 | 22.2 | 20.9 | 21.5 | 23.4 | 21.8 | 22.5 | 23.8 | 21.7 | 22.7 | 20.7 | 19.4 | 20.1 |
| 28 | 22.3 | 21.1 | 21.6 | 23.7 | 22.2 | 22.8 | 23.3 | 21.3 | 22.3 | 19.7 | 18.6 | 19.0 |
| 29 | 22.4 | 20.9 | 21.4 | 24.0 | 22.1 | 23.0 | 23.1 | 21.8 | 22.5 | 18.7 | 18.2 | 18.5 |
| 30 | 23.3 | 21.4 | 22.2 | - | , | --- | 23.0 | 21.8 | 22.4 | 18.9 | 18.4 | 18.7 |
| 31 | --- | --- | --- | - | - | --- | 23.3 | 21.9 | 22.6 | - | --- | - |
| MONTH | 23.4 | 16.7 | 20.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

TENNESSEE RIVER BASIN
03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC--Continued OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 9.2 | 8.2 | 8.5 | 10.8 | 9.6 | 10.1 | --- | --- | --- | --- | --- | --- |
| 2 | 8.9 | 8.2 | 8.4 | 10.9 | 9.7 | 10.1 | --- | --- | --- | --- | --- | --- |
| 3 | 9.4 | 7.9 | 8.6 | 10.8 | 9.7 | 10.1 | --- | --- | --- | --- | --- | --- |
| 4 | 8.8 | 8.0 | 8.4 | 11.0 | 9.6 | 10.1 | --- | --- | --- | --- | --- | --- |
| 5 | 9.4 | 7.6 | 8.3 | --- | -- | --- | --- | --- | --- | --- | --- | --- |
| 6 | 8.9 | 7.8 | 8.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | 9.5 | 8.3 | 8.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 9.5 | 7.7 | 8.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | 9.0 | 7.7 | 8.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | 9.7 | 8.4 | 8.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | 9.6 | 8.4 | 8.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 9.4 | 8.0 | 8.6 | -- | --- | --- | --- | -- | --- | --- | --- | --- |
| 13 | 9.1 | 7.6 | 8.5 | -- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | 8.9 | 7.6 | 8.2 | --- | -- | --- | --- | --- | --- | --- | --- | --- |
| 15 | 8.7 | 7.7 | 8.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 | --- | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 19 | -- | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | --- | -- | - | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | 10.0 | 8.6 | 9.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | 9.8 | 8.8 | 9.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | 10.5 | 9.3 | 9.8 | --- | --- | --- | --- | --- | -- | --- | --- | --- |
| 28 | 10.6 | 9.0 | 9.7 | --- | --- | --- | --- | -- | -- | -- | -- | - |
| 29 | 10.6 | 8.9 | 9.8 | -- | --- | -- | --- | --- | --- | -- | -- | --- |
| 30 | 10.5 | 9.1 | 9.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | 10.7 | 9.3 | 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | - | --- |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.4 | 8.3 | 9.1 |
| 4 | -- | --- | --- | --- | --- | --- | --- | --- | --- | 9.6 | 8.7 | 9.3 |
| 5 | -- | --- | --- | --- | --- | --- | --- | --- | --- | 9.1 | 8.6 | 8.8 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.6 | 8.4 | 9.0 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.2 | 8.4 | 8.9 |
| 8 | --- | -- | --- | --- | --- | --- | --- | --- | - | 9.2 | 8.3 | 8.8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.0 | 8.1 | 8.6 |
| 10 | - | --- | --- | --- | --- | --- | --- | --- | --- | 8.8 | 8.1 | 8.6 |
| 11 | --- | -- | --- | --- | --- | --- | --- | --- | --- | 9.5 | 8.3 | 8.8 |
| 12 | --- | --- | --- | - | --- | - | --- | -- | --- | 9.3 | 8.3 | 8.7 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.5 | 8.2 | 8.3 |
| 14 | -- | --- | --- | --- | --- | --- | --- | --- | --- | 9.7 | 8.2 | 8.9 |
| 15 | --- | - | --- | --- | --- | --- | --- | --- | --- | 9.2 | 8.0 | 8.7 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8.8 | 8.0 | 8.4 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.2 | 8.0 | 8.6 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.3 | 8.0 | 8.8 |
| 19 | --- | --- | --- | --- | --- | -- | -- | -- | -- | 9.6 | 8.4 | 9.1 |
| 20 | --- | --- | --- | -- | --- | -- | -- | -- | --- | 9.4 | 8.2 | 8.9 |
| 21 | --- | --- | --- | --- | - | --- | --- | --- | --- | 9.3 | 8.6 | 8.9 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.0 | 8.6 | 9.3 |
| 23 | - | --- | --- | --- | --- | --- | --- | --- | --- | 9.8 | 8.6 | 9.2 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.8 | 8.4 | 9.1 |
| 25 | --- | -- | --- | --- | -- | --- | --- | --- | - | 10.0 | 8.4 | 8.9 |
| 26 | --- | --- | --- | --- | --- | --- | - | - | --- | 9.5 | 7.7 | 8.8 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.7 | 8.7 | 9.0 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.6 | 7.9 | 8.9 |
| 29 | --- | --- | --- | --- | --- | --- | -- | -- | -- | 9.7 | 7.9 | 8.8 |
| 30 | -- | --- | --- | --- | --- | --- | --- | --- | --- | 9.6 | 8.2 | 8.7 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | - | 9.5 | 8.3 | 8.7 |
| MONTH | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- |

03460795 PIGEON RIVER BELOW POWER PLANT NEAR WATERVILLE, NC--Continued OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 9.1 | 8.0 | 8.4 | 9.9 | 5.9 | 8.1 | 8.0 | 5.9 | 6.8 | 6.8 | 5.8 | 6.2 |
| 2 | 9.2 | 7.8 | 8.4 | 10.0 | 4.6 | 8.2 | 8.4 | 6.7 | 7.3 | 7.0 | 5.3 | 6.0 |
| 3 | 8.6 | 7.7 | 8.0 | 9.5 | 4.7 | 7.0 | 8.2 | 5.9 | 6.8 | 6.6 | 5.0 | 5.7 |
| 4 | 8.8 | 7.3 | 7.7 | 7.0 | 4.3 | 5.7 | 8.3 | 6.5 | 7.1 | 7.3 | 5.7 | 6.4 |
| 5 | 7.6 | 7.0 | 7.4 | 7.7 | 5.3 | 6.3 | 8.3 | 6.6 | 7.2 | 7.0 | 5.2 | 6.1 |
| 6 | 8.0 | 7.0 | 7.4 | 8.0 | 5.2 | 6.6 | 7.5 | 5.8 | 6.6 | 7.4 | 6.1 | 6.6 |
| 7 | 8.3 | 6.8 | 7.6 | 8.1 | 5.4 | 6.9 | 7.7 | 5.5 | 6.3 | 7.7 | 6.4 | 6.9 |
| 8 | 7.7 | 6.6 | 7.0 | 8.3 | 6.1 | 7.0 | 7.7 | 5.1 | 6.1 | 8.0 | 6.5 | 7.1 |
| 9 | 8.2 | 6.3 | 7.3 | 7.5 | 5.3 | 6.3 | 7.7 | 5.9 | 6.6 | 8.0 | 6.3 | 6.9 |
| 10 | 8.2 | 6.4 | 7.2 | 7.0 | 5.4 | 6.4 | 7.5 | 5.0 | 6.0 | 8.1 | 5.6 | 6.5 |
| 11 | 8.4 | 6.3 | 7.0 | 8.4 | 5.9 | 7.3 | 7.5 | 5.4 | 6.2 | 7.7 | 6.2 | 6.7 |
| 12 | 8.2 | 6.1 | 6.9 | 8.3 | 7.2 | 7.7 | 7.6 | 5.4 | 6.2 | 8.4 | 5.8 | 6.7 |
| 13 | 8.3 | 6.2 | 7.0 | 7.7 | 6.1 | 7.1 | 7.2 | 4.7 | 5.7 | 6.8 | 5.2 | 5.9 |
| 14 | 7.6 | 6.6 | 7.0 | 8.5 | 7.2 | 7.7 | 6.9 | 5.0 | 5.8 | 6.2 | 5.4 | 5.8 |
| 15 | 7.9 | 6.2 | 7.0 | 8.3 | 7.2 | 7.7 | 6.8 | 5.5 | 6.0 | 6.3 | 5.5 | 5.9 |
| 16 | 8.2 | 6.8 | 7.4 | 8.3 | 6.4 | 7.2 | 6.7 | 5.5 | 5.9 | 6.7 | 5.6 | 6.0 |
| 17 | 8.3 | 7.2 | 7.6 | 8.5 | 6.4 | 7.2 | 6.3 | 4.3 | 5.4 | 6.7 | 5.8 | 6.1 |
| 18 | 8.3 | 7.0 | 7.4 | 8.5 | 6.5 | 7.2 | 6.6 | 5.3 | 5.8 | 6.9 | 5.9 | 6.2 |
| 19 | 8.7 | 7.0 | 7.5 | 8.1 | 6.9 | 7.5 | --- | --- | --- | 7.4 | 6.1 | 6.6 |
| 20 | 8.8 | 7.0 | 7.6 | 8.4 | 6.3 | 7.2 | --- | -- | -- | 7.2 | 6.2 | 6.6 |
| 21 | 8.9 | 7.4 | 8.1 | 8.7 | 6.8 | 7.6 | 6.8 | 5.7 | 6.1 | 7.1 | 6.3 | 6.7 |
| 22 | 9.0 | 7.1 | 7.8 | 8.5 | 7.0 | 7.4 | -- | -- | - | 7.6 | 6.7 | 7.2 |
| 23 | 9.1 | 7.1 | 8.1 | 8.5 | 5.9 | 7.0 | 6.9 | 5.6 | 6.1 | 8.9 | 7.2 | 7.7 |
| 24 | 8.7 | 7.7 | 8.1 | 8.2 | 6.0 | 7.0 | --- | --- | --- | 10.5 | 7.6 | 8.3 |
| 25 | 8.8 | 7.3 | 7.9 | 8.4 | 6.1 | 7.1 | --- | --- | --- | --- | -- | --- |
| 26 | 8.6 | 7.1 | 7.7 | 8.8 | 6.5 | 7.5 | --- | --- | --- | --- | --- | --- |
| 27 | 8.5 | 6.7 | 7.5 | 8.4 | 6.3 | 7.0 | - | --- | --- | --- | --- | --- |
| 28 | 8.2 | 7.3 | 7.8 | 8.4 | 7.0 | 7.6 | --- | --- | --- | 8.3 | 8.0 | 8.1 |
| 29 | 8.5 | 6.5 | 7.3 | 7.8 | 6.4 | 7.1 | --- | -- | - | 8.7 | 8.2 | 8.4 |
| 30 | 7.6 | 5.7 | 6.9 | --- | --- | - | --- | -- | - | 8.3 | 8.0 | 8.1 |
| 31 | --- | - | --- | --- | --- | --- | 6.8 | 5.2 | 5.9 | --- | - | -- |
| MONTH | 9.2 | 5.7 | 7.5 | --- | --- | --- | --- | --- | --- | -- | -- | --- |

