LOCATION.--Lat $34^{\circ} 04^{\prime} 46^{\prime} '$, long $81^{\circ} 33^{\prime} 43^{\prime \prime}$, Saluda County, Hydrologic Unit Code 03050109 , at center of Hwy 391 Bridge, 2.3 mi north of Hwy 378 Traffic Circle, 16.3 mi east of Saluda, and 15.9 mi south of Prosperity.

PERIOD OF RECORD.--Water years 1993 to current year.
PERIOD OF DAILY RECORD.--
WATER TEMPERATURE (TOP, MIDDLE, BOTTOM) : February 1993 to current year.
DISSOLVED OXYGEN (TOP, MIDDLE, BOTTOM): February 1993 to current year.
INSTRUMENTATION.--USGS mini-monitor and data collection platform.
EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE (TOP) : Maximum, $34.5^{\circ} \mathrm{C}$, Jun. 29, 1998, Aug. 1, 18, 19, 1999; minimum, $2.5^{\circ} \mathrm{C}$, Jan. 27 , 2000 .
WATER TEMPERATURE (MIDDLE) : Maximum, $32.5^{\circ} \mathrm{C}$, Aug. 8, 1999; minimum, $3.0^{\circ} \mathrm{C}, \mathrm{Jan} .27,2000$.
WATER TEMPERATURE (BOTTOM) : Maximum, $30.5^{\circ} \mathrm{C}$, Aug. 27-30, 1993, Jul. 24, 1997, on several days during Aug. 1999; minimum, $3.5^{\circ} \mathrm{C}$, on several days during Jan., Feb. 1, 2 .
DISSOLVED OXYGEN (TOP) : Maximum, $17.2 \mathrm{mg} / \mathrm{L}, \mathrm{May} 12,1998$; minimum, $0.0 \mathrm{mg} / \mathrm{L}$, Oct. $2,4,5$, 1994 , on many days during $1993-99$.
DISSOLVED OXYGEN (MIDDLE): Maximum, $13.1 \mathrm{mg} / \mathrm{L}, \mathrm{Jan} 11,1999$; minimum, $0.0 \mathrm{mg} / \mathrm{L}$, on many days during $1993-2000$.
DISSOLVED OXYGEN (BOTTOM) : Maximum, $11.9 \mathrm{mg} / \mathrm{L}, \mathrm{May} 1, \mathrm{Dec} 5,$.1999 ; minimum, $0.0 \mathrm{mg} / \mathrm{L}$, on many days during $1993-2000$.
EXTREMES FOR CURRENT WATER YEAR.--
WATER TEMPERATURE (TOP) : Maximum, $32.0^{\circ} \mathrm{C}$, Aug. 8, 10, 16 ; minimum $2.5^{\circ} \mathrm{C}, \mathrm{Jan} .27$.
WATER TEMPERATURE (MIDDLE) : Maximum, $31.0^{\circ} \mathrm{C}$, Jul. 22 ; minimum, $3.0^{\circ} \mathrm{C}$, Jan. 27.
WATER TEMPERATURE (BOTTOM) : Maximum, $29.0^{\circ} \mathrm{C}$, Aug. 20 ; minimum, $3.5^{\circ} \mathrm{C}$ on several days during Jan., Feb 1, 2.
DISSOLVED OXYGEN (TOP): Maximum, $13.1 \mathrm{mg} / \mathrm{L}$, Sep. 15 ; minimum, $3.5 \mathrm{mg} / \mathrm{L}$, Jul. 26.
DISSOLVED OXYGEN (MIDDLE) : Maximum, $11.8 \mathrm{mg} / \mathrm{L}, \mathrm{Jan} .7$; minimum, $0.0 \mathrm{mg} / \mathrm{L}$ on many days during May to July.
DISSOLVED OXYGEN (BOTTOM) : Maximum, $11.9 \mathrm{mg} / \mathrm{L}$, Dec. 5 ; minimum, $0.0 \mathrm{mg} / \mathrm{L}$ on many days during October and March to September.
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | OCTOBER |  | NOVEMBER |  | DECEMBER |  |  |  | JANUARY |  |  |
| 1 | 24.5 | 24.0 | 24.0 | 19.5 | 19.0 | 19.5 | --- | --- | --- | --- | --- | --- |
| 2 | 25.0 | 24.0 | 24.0 | 19.5 | 18.0 | 18.5 | --- | --- | --- | --- | --- | --- |
| 3 | 24.5 | 24.0 | 24.0 | 18.0 | 17.0 | 17.5 | --- | --- | --- |  | --- |  |
| 4 | 24.5 | 23.5 | 24.0 | 19.0 | 17.0 | 17.0 | 14.0 | 13.0 | 13.0 | 11.5 | 10.5 | 11.0 |
| 5 | 24.0 | 23.0 | 23.5 | 17.5 | 16.5 | 17.0 | 14.0 | 13.0 | 13.5 | 11.0 | 10.5 | 10.5 |
| 6 | 23.5 | 23.0 | 23.0 | 17.5 | 16.0 | 16.5 | 13.5 | 13.0 | 13.5 | 11.0 | 10.0 | 10.5 |
| 7 | 23.5 | 23.0 | 23.0 | 17.5 | 16.0 | 16.5 | 13.5 | 12.5 | 13.0 | 11.5 | 10.5 | 11.0 |
| 8 | 23.5 | 22.5 | 23.0 | 17.5 | 16.5 | 17.0 | 13.0 | 12.5 | 13.0 | 10.5 | 10.5 | 10.5 |
| 9 | 23.5 | 22.5 | 23.0 | 17.5 | 16.5 | 17.0 | 13.0 | 12.5 | 13.0 | 11.0 | 10.5 | 10.5 |
| 10 | 23.5 | 23.0 | 23.5 | 18.0 | 17.0 | 17.5 | 13.0 | 12.5 | 12.5 | 11.0 | 10.5 | 11.0 |
| 11 | 23.5 | 23.0 | 23.5 | 17.5 | 16.5 | 17.0 | 13.0 | 12.5 | 12.5 | 11.5 | 11.0 | 11.0 |
| 12 | 23.5 | 22.5 | 23.0 | 17.0 | 16.5 | 17.0 | 13.0 | 12.5 | 12.5 | 12.5 | 11.0 | 11.5 |
| 13 | 22.5 | 22.0 | 22.5 | 17.5 | 16.5 | 17.0 | 13.0 | 12.5 | 12.5 | 12.5 | 11.0 | 11.5 |
| 14 | 22.5 | 22.0 | 22.0 | 17.5 | 16.5 | 16.5 | 13.0 | 12.5 | 12.5 | 11.5 | 11.0 | 11.0 |
| 15 | 22.5 | 21.5 | 22.0 | 17.0 | 16.5 | 16.5 | 13.0 | 12.5 | 12.5 | 11.0 | 10.5 | 10.5 |
| 16 | 22.5 | 21.5 | 22.0 | 16.5 | 16.0 | 16.5 | 12.5 | 12.0 | 12.0 | 10.5 | 10.0 | 10.5 |
| 17 | 22.0 | 21.5 | 21.5 | 16.0 | 15.5 | 15.5 | 12.0 | 11.5 | 12.0 | 10.5 | 10.0 | 10.5 |
| 18 | 22.5 | 21.5 | 22.0 | 16.0 | 15.0 | 15.5 | --- | --- | --- | 10.5 | 10.0 | 10.0 |
| 19 | 22.0 | 21.0 | 21.5 | 15.5 | 14.5 | 15.0 | --- | --- | --- | 10.0 | 9.5 | 10.0 |
| 20 | 21.0 | 20.5 | 21.0 | 16.0 | 15.0 | 15.5 | --- | --- | --- | 10.0 | 9.5 | 10.0 |
| 21 | 20.5 | 20.0 | 20.5 | --- | --- | --- | --- | --- | --- | 9.5 | 9.0 | 9.5 |
| 22 | 20.5 | 19.5 | 20.0 | --- | --- | --- | --- | --- | --- | 9.5 | 8.5 | 9.0 |
| 23 | 20.0 | 19.5 | 19.5 | --- | --- | --- | --- | --- | --- | 8.5 | 8.0 | 8.5 |
| 24 | 19.5 | 19.0 | 19.0 | --- | --- | --- | --- | --- | --- | 8.0 | 4.5 | 7.0 |
| 25 | 19.5 | 18.5 | 19.0 | --- | --- | --- | --- | --- | --- | 5.0 | 3.5 | 4.0 |
| 26 | 19.0 | 18.0 | 18.5 | --- | --- | --- | --- | --- | --- | 4.0 | 3.0 | 3.5 |
| 27 | 19.0 | 18.0 | 18.0 | --- | --- | --- | --- | --- | --- | 3.5 | 2.5 | 3.0 |
| 28 | 19.0 | 18.0 | 18.5 | --- | --- | --- | --- | --- | --- | 3.5 | 3.0 | 3.5 |
| 29 | 19.0 | 18.0 | 18.5 | --- | --- | --- | --- | --- | --- | 3.5 | 3.5 | 3.5 |
| 30 | 19.0 | 18.0 | 18.5 | --- | --- | -- | --- | --- | - | 3.5 | 3.0 | 3.5 |
| 31 | 19.5 | 18.5 | 19.0 | --- | --- | --- | --- | --- | -- | 3.5 | 3.0 | 3.5 |
| MONTH | 25.0 | 18.0 | 21.5 | 19.5 | 14.5 | 16.8 | 14.0 | 11.5 | 12.7 | 12.5 | 2.5 | 8.6 |

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 3.5 | 3.0 | 3.5 | 15.5 | 13.5 | 14.5 | 18.5 | 16.5 | 17.0 | 21.5 | 19.0 | 20.0 |
| 2 | 4.0 | 3.0 | 3.5 | 15.5 | 14.0 | 14.5 | 18.0 | 17.5 | 18.0 | 22.0 | 19.5 | 20.5 |
| 3 | 4.5 | 3.0 | 4.0 | 15.0 | 14.0 | 14.5 | 19.0 | 18.0 | 18.5 | 22.0 | 19.0 | 20.5 |
| 4 | 5.0 | 4.0 | 4.5 | 15.0 | 14.0 | 14.5 | 19.0 | 17.0 | 18.0 | 23.0 | 21.0 | 21.5 |
| 5 | 5.5 | 4.5 | 5.0 | 14.5 | 13.5 | 14.0 | 18.5 | 17.0 | 17.5 | 22.5 | 21.5 | 22.0 |
| 6 | 5.5 | 4.5 | 5.0 | 15.5 | 13.5 | 14.5 | 18.0 | 17.0 | 17.5 | 23.5 | 22.0 | 23.0 |
| 7 | 7.0 | 5.0 | 5.5 | 17.5 | 14.0 | 15.5 | 19.5 | 17.5 | 18.0 | 25.5 | 22.5 | 23.0 |
| 8 | 6.0 | 5.5 | 6.0 | 18.0 | 15.5 | 16.5 | 18.0 | 16.5 | 17.5 | 25.5 | 22.0 | 23.0 |
| 9 | 8.0 | 5.5 | 6.0 | 17.0 | 14.5 | 16.5 | 17.5 | 16.0 | 17.0 | 26.0 | 22.0 | 23.5 |
| 10 | 9.0 | 6.5 | 7.5 | 18.0 | 16.0 | 17.0 | 19.5 | 16.0 | 17.0 | 25.5 | 22.0 | 23.5 |
| 11 | 9.0 | 7.0 | 7.5 | 17.5 | 17.0 | 17.5 | 18.5 | 16.5 | 17.5 | 24.5 | 22.5 | 23.5 |
| 12 | 8.0 | 7.5 | 7.5 | 17.0 | 15.5 | 16.0 | 19.5 | 17.5 | 18.0 | 26.5 | 23.5 | 24.5 |
| 13 | 7.5 | 7.5 | 7.5 | 15.5 | 14.5 | 15.0 | 18.5 | 16.5 | 17.5 | 27.5 | 22.5 | 25.5 |
| 14 | 9.0 | 7.5 | 8.0 | 15.5 | 14.5 | 15.0 | 16.5 | 16.0 | 16.5 | 26.5 | 22.5 | 24.5 |
| 15 | 9.5 | 9.0 | 9.0 | 16.0 | 14.5 | 15.0 | 16.5 | 16.0 | 16.0 | 25.5 | 23.0 | 25.0 |
| 16 | 11.0 | 9.0 | 10.0 | 16.5 | 15.0 | 15.5 | 16.5 | 16.0 | 16.0 | 25.0 | 24.5 | 25.0 |
| 17 | 10.5 | 9.5 | 10.0 | 17.5 | 15.0 | 16.5 | 19.0 | 16.5 | 17.5 | 25.5 | 24.5 | 25.0 |
| 18 | 10.5 | 10.0 | 10.0 | 16.0 | 14.5 | 15.0 | 19.0 | 17.0 | 18.0 | 25.5 | 24.5 | 25.0 |
| 19 | 11.5 | 10.5 | 10.5 | 15.0 | 14.5 | 14.5 | 18.5 | 17.0 | 18.0 | 26.0 | 24.5 | 25.0 |
| 20 | 12.5 | 10.5 | 11.0 | 16.0 | 14.5 | 15.0 | 20.5 | 17.0 | 18.5 | 27.0 | 25.0 | 26.0 |
| 21 | 11.5 | 10.5 | 11.0 | 16.0 | 15.0 | 15.5 | 20.0 | 18.0 | 19.5 | 27.0 | 25.5 | 26.0 |
| 22 | 11.5 | 10.5 | 11.0 | 17.0 | 15.0 | 15.5 | 20.0 | 18.5 | 19.0 | 27.0 | 25.0 | 26.0 |
| 23 | 12.0 | 11.0 | 11.5 | 16.5 | 15.0 | 15.5 | 19.0 | 18.0 | 18.5 | 26.5 | 25.5 | 26.0 |
| 24 | 13.5 | 11.0 | 12.0 | 16.5 | 15.0 | 15.5 | 19.0 | 18.0 | 18.5 | 26.0 | 25.5 | 25.5 |
| 25 | 13.5 | 11.5 | 12.0 | 18.0 | 15.5 | 17.0 | 19.0 | 18.5 | 19.0 | 27.0 | 24.5 | 25.5 |
| 26 | 14.5 | 11.5 | 12.5 | 18.5 | 16.5 | 17.5 | 18.5 | 18.0 | 18.0 | 27.0 | 25.0 | 25.5 |
| 27 | 15.0 | 12.0 | 14.0 | 18.0 | 17.0 | 17.5 | 20.5 | 18.0 | 19.0 | 28.5 | 25.5 | 27.0 |
| 28 | 15.0 | 13.0 | 14.0 | 17.5 | 16.5 | 17.0 | 19.5 | 18.5 | 19.0 | 27.5 | 26.5 | 27.0 |
| 29 | 14.5 | 13.5 | 14.0 | 17.0 | 16.5 | 16.5 | 19.0 | 18.5 | 18.5 | 26.5 | 25.0 | 26.0 |
| 30 | --- | --- | --- | 16.5 | 16.0 | 16.5 | 19.5 | 18.5 | 19.0 | 25.5 | 24.5 | 25.0 |
| 31 | --- | --- | --- | 17.5 | 16.5 | 16.5 | --- | --- | --- | 25.0 | 24.5 | 25.0 |
| MONTH | 15.0 | 3.0 | 8.7 | 18.5 | 13.5 | 15.7 | 20.5 | 16.0 | 17.9 | 28.5 | 19.0 | 24.3 |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 26.5 | 25.0 | 25.5 | 30.0 | 29.0 | 29.5 | 30.0 | 29.0 | 29.5 | 29.0 | 27.5 | 28.0 |
| 2 | 28.5 | 25.5 | 27.0 | 30.0 | 29.0 | 29.5 | 29.0 | 29.0 | 29.0 | 28.5 | 27.5 | 28.0 |
| 3 | 27.5 | 26.0 | 27.0 | 30.5 | 29.0 | 29.5 | 29.5 | 28.5 | 29.0 | 29.5 | 28.0 | 28.5 |
| 4 | 27.5 | 26.5 | 27.0 | 30.0 | 29.0 | 29.5 | 29.0 | 28.5 | 29.0 | 29.5 | 27.5 | 28.5 |
| 5 | 27.5 | 26.5 | 27.0 | 31.0 | 29.0 | 30.0 | 30.0 | 28.5 | 29.0 | 28.5 | 27.0 | 27.5 |
| 6 | 27.5 | 26.0 | 27.0 | 31.0 | 30.0 | 30.5 | 31.0 | 29.0 | 30.0 | 27.0 | 25.5 | 26.0 |
| 7 | 26.5 | 25.5 | 26.0 | 30.5 | 29.5 | 30.0 | 31.0 | 29.5 | 30.0 | 25.5 | 25.0 | 25.5 |
| 8 | 27.0 | 25.5 | 26.0 | 31.0 | 29.5 | 30.0 | 32.0 | 30.0 | 31.0 | 26.5 | 25.0 | 25.5 |
| 9 | 27.0 | 26.0 | 26.5 | 31.5 | 30.0 | 30.5 | 31.5 | 30.5 | 31.0 | 27.0 | 26.0 | 26.0 |
| 10 | 28.0 | 26.5 | 27.0 | 31.0 | 29.5 | 30.0 | 32.0 | 30.0 | 31.0 | 27.5 | 26.0 | 26.5 |
| 11 | 28.0 | 27.0 | 27.5 | 31.0 | 29.5 | 30.0 | 31.5 | 30.0 | 31.0 | 28.5 | 26.5 | 27.5 |
| 12 | 29.0 | 27.0 | 28.0 | 31.0 | 29.5 | 30.0 | 31.0 | 30.0 | 30.5 | 29.0 | 27.0 | 28.0 |
| 13 | 29.5 | 27.5 | 28.5 | 30.5 | 29.5 | 30.0 | 31.0 | 29.5 | 30.0 | 29.5 | 27.0 | 28.0 |
| 14 | 30.0 | 28.0 | 29.0 | 30.5 | 29.5 | 30.0 | 31.0 | 29.5 | 30.0 | 30.0 | 27.5 | 28.5 |
| 15 | 30.0 | 28.5 | 29.0 | 31.0 | 30.0 | 30.5 | 31.0 | 29.5 | 30.0 | 29.5 | 27.5 | 28.5 |
| 16 | 30.0 | 28.5 | 29.0 | 31.5 | 30.0 | 30.5 | 32.0 | 29.5 | 30.5 | 27.5 | 26.5 | 26.5 |
| 17 | 29.5 | 28.5 | 29.0 | 31.0 | 30.0 | 30.5 | 31.0 | 30.0 | 30.5 | 26.5 | 25.5 | 25.5 |
| 18 | 30.0 | 29.0 | 29.5 | 31.0 | 30.0 | 30.5 | 31.5 | 30.0 | 31.0 | 25.5 | 24.0 | 25.0 |
| 19 | 30.0 | 29.0 | 29.5 | 31.0 | 30.0 | 30.5 | 31.0 | 30.0 | 30.5 | 25.5 | 24.0 | 24.5 |
| 20 | 30.0 | 29.0 | 29.0 | 31.0 | 30.0 | 30.5 | 30.5 | 29.5 | 30.0 | 27.0 | 24.5 | 25.5 |
| 21 | 31.0 | 29.0 | 29.5 | 31.5 | 30.5 | 31.0 | 29.5 | 28.5 | 29.0 | 25.5 | 25.0 | 25.5 |
| 22 | 30.0 | 29.0 | 29.5 | 31.0 | 30.5 | 30.5 | 29.5 | 28.5 | 29.0 | 25.0 | 24.0 | 25.0 |
| 23 | 30.0 | 29.0 | 29.5 | 31.0 | 30.0 | 30.5 | 30.0 | 28.5 | 29.0 | 25.5 | 24.0 | 24.5 |
| 24 | 30.5 | 29.5 | 30.0 | 30.5 | 29.5 | 30.0 | 29.5 | 28.5 | 29.0 | 27.0 | 24.5 | 25.5 |
| 25 | 31.5 | 29.5 | 30.5 | 30.0 | 29.0 | 29.0 | 30.0 | 28.5 | 29.0 | 26.5 | 24.5 | 26.0 |
| 26 | 31.5 | 30.0 | 30.5 | 29.0 | 28.5 | 28.5 | 29.5 | 29.0 | 29.0 | 25.5 | 24.0 | 25.0 |
| 27 | 31.0 | 29.5 | 30.0 | 29.5 | 28.5 | 29.0 | 29.0 | 28.5 | 28.5 | 24.5 | 23.5 | 24.0 |
| 28 | 30.5 | 29.5 | 30.0 | 30.5 | 29.0 | 29.5 | 30.0 | 28.0 | 28.5 | 24.5 | 23.0 | 23.5 |
| 29 | 30.0 | 29.0 | 29.5 | 30.0 | 28.5 | 29.0 | 28.5 | 28.0 | 28.0 | 23.5 | 23.0 | 23.5 |
| 30 | 29.5 | 28.5 | 29.0 | 30.5 | 29.5 | 29.5 | 28.0 | 27.5 | 28.0 | 23.5 | 22.5 | 23.0 |
| 31 |  | --- | --- | 30.5 | 29.5 | 30.0 | 28.0 | 27.5 | 27.5 |  | --- |  |
| MONTH | 31.5 | 25.0 | 28.4 | 31.5 | 28.5 | 30.0 | 32.0 | 27.5 | 29.6 | 30.0 | 22.5 | 26.1 |
| YEAR | 32.0 | 2.5 | 20.6 |  |  |  |  |  |  |  |  |  |

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued
temperature, water (Deg. C), WATER Year october 1999 TO SEPTEMBER 2000

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 24.0 | 23.5 | 24.0 | 18.5 | 17.5 | 18.0 | --- | --- | --- | --- | --- | --- |
| 2 | 24.0 | 23.5 | 23.5 | 19.5 | 18.5 | 19.0 | --- | --- | --- |  | --- | --- |
| 3 | 23.5 | 23.5 | 23.5 | 18.5 | 17.5 | 18.0 | --- | --- | --- |  | --- | --- |
| 4 | 24.0 | 23.5 | 23.5 | 18.0 | 17.0 | 17.0 | 13.5 | 13.0 | 13.0 | 11.0 | 9.5 | 10.5 |
| 5 | 23.5 | 23.0 | 23.5 | 17.5 | 17.0 | 17.0 | 13.0 | 13.0 | 13.0 | 11.0 | 10.5 | 10.5 |
| 6 | 23.5 | 23.0 | 23.0 | 17.0 | 16.5 | 16.5 | 13.5 | 13.0 | 13.5 | 10.5 | 10.0 | 10.0 |
| 7 | 23.5 | 23.0 | 23.0 | 16.5 | 16.5 | 16.5 | 13.5 | 13.0 | 13.0 | 11.0 | 10.0 | 10.5 |
| 8 | 23.0 | 22.5 | 23.0 | 16.5 | 16.5 | 16.5 | 13.0 | 12.5 | 13.0 | 10.5 | 10.0 | 10.5 |
| 9 | 23.0 | 22.5 | 23.0 | 17.0 | 16.5 | 16.5 | 13.0 | 12.5 | 12.5 | 10.5 | 10.0 | 10.5 |
| 10 | 23.5 | 22.5 | 23.0 | 17.5 | 16.5 | 17.0 | 13.0 | 12.5 | 12.5 | 11.0 | 10.0 | 10.5 |
| 11 | 23.5 | 22.5 | 23.0 | 17.5 | 17.0 | 17.0 | 13.0 | 12.5 | 12.5 | 11.0 | 10.5 | 11.0 |
| 12 | 23.5 | 22.5 | 23.0 | 17.0 | 17.0 | 17.0 | 13.0 | 12.5 | 12.5 | 11.0 | 10.5 | 11.0 |
| 13 | 22.5 | 22.0 | 22.5 | 17.0 | 16.5 | 17.0 | 12.5 | 12.5 | 12.5 | 11.5 | 10.5 | 11.0 |
| 14 | 22.0 | 22.0 | 22.0 | 17.5 | 16.5 | 17.0 | 13.0 | 12.5 | 12.5 | 11.0 | 10.5 | 11.0 |
| 15 | 22.0 | 21.5 | 22.0 | 17.0 | 16.5 | 17.0 | 13.0 | 12.5 | 12.5 | 10.5 | 10.0 | 10.5 |
| 16 | 22.0 | 21.5 | 22.0 | 17.0 | 16.5 | 16.5 | 12.5 | 12.0 | 12.5 | 10.5 | 10.0 | 10.0 |
| 17 | 22.0 | 21.5 | 21.5 | 16.5 | 16.0 | 16.0 | 12.0 | 11.5 | 12.0 | 10.5 | 10.0 | 10.0 |
| 18 | 21.5 | 21.5 | 21.5 | 16.0 | 15.5 | 15.5 | --- | --- | --- | 10.0 | 10.0 | 10.0 |
| 19 | 21.5 | 21.0 | 21.5 | 15.5 | 15.0 | 15.5 | --- | --- | --- | 10.0 | 9.5 | 9.5 |
| 20 | 21.0 | 20.5 | 21.0 | 15.5 | 15.0 | 15.0 | --- | --- | --- | 10.0 | 9.5 | 9.5 |
| 21 | 21.0 | 20.0 | 20.5 | --- | --- | --- | --- | --- | --- | 9.5 | 9.0 | 9.5 |
| 22 | 20.5 | 20.0 | 20.0 | --- | --- | --- | --- | --- | --- | 9.0 | 8.5 | 9.0 |
| 23 | 20.0 | 19.5 | 20.0 | --- | --- | --- | --- | --- | --- | 8.5 | 8.0 | 8.5 |
| 24 | 20.0 | 19.0 | 19.5 | --- | --- | --- | --- | --- | --- | 8.0 | 5.0 | 7.0 |
| 25 | 19.0 | 18.5 | 18.5 | --- | --- | --- | --- | --- | --- | 5.0 | 3.5 | 4.0 |
| 26 | 19.0 | 18.5 | 18.5 | --- | --- | --- | --- | --- | --- | 4.0 | 3.5 | 4.0 |
| 27 | 18.5 | 18.0 | 18.0 | --- | --- | --- | --- | --- | --- | 4.0 | 3.0 | 3.5 |
| 28 | 18.5 | 18.0 | 18.0 | --- | --- | --- | --- | --- | --- | 4.0 | 3.5 | 4.0 |
| 29 | 18.5 | 17.5 | 18.0 | --- | --- | --- | --- | --- | --- | 4.0 | 3.5 | 3.5 |
| 30 | 18.5 | 17.5 | 18.0 | --- | --- | --- | --- | --- | --- | 3.5 | 3.5 | 3.5 |
| 31 | 18.5 | 17.5 | 18.0 | --- | --- | --- | --- | --- | --- | 3.5 | 3.5 | 3.5 |
| MONTH | 24.0 | 17.5 | 21.3 | 19.5 | 15.0 | 16.8 | 13.5 | 11.5 | 12.7 | 11.5 | 3.0 | 8.4 |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 4.0 | 3.5 | 3.5 | 14.5 | 11.5 | 12.5 | 16.5 | 16.0 | 16.0 | 17.5 | 17.0 | 17.5 |
| 2 | 4.0 | 3.5 | 4.0 | 14.5 | 11.0 | 12.5 | 17.5 | 16.0 | 17.0 | 18.0 | 16.5 | 17.0 |
| 3 | 4.5 | 4.0 | 4.0 | 13.5 | 11.5 | 12.5 | 18.5 | 17.0 | 17.5 | 17.5 | 16.5 | 17.0 |
| 4 | 5.0 | 4.5 | 4.5 | 14.0 | 11.5 | 13.0 | 18.0 | 16.5 | 17.5 | 19.0 | 17.0 | 18.0 |
| 5 | 5.5 | 4.5 | 5.0 | 13.5 | 12.5 | 13.0 | 18.0 | 16.5 | 17.0 | 20.0 | 18.0 | 19.0 |
| 6 | 5.5 | 5.0 | 5.0 | 13.5 | 13.0 | 13.5 | 17.5 | 16.5 | 17.0 | 21.0 | 18.0 | 19.5 |
| 7 | 6.5 | 5.0 | 5.5 | 15.0 | 13.0 | 13.5 | 18.0 | 16.5 | 17.0 | 20.0 | 19.0 | 19.5 |
| 8 | 6.0 | 5.0 | 5.5 | 17.0 | 13.0 | 14.5 | 17.5 | 16.0 | 17.0 | 19.5 | 18.5 | 19.0 |
| 9 | 6.5 | 5.5 | 6.0 | 16.5 | 13.0 | 15.0 | 17.0 | 16.0 | 16.5 | 19.0 | 18.0 | 18.5 |
| 10 | 7.0 | 6.0 | 6.5 | 16.0 | 14.0 | 15.0 | 17.0 | 15.5 | 16.0 | 20.0 | 17.5 | 18.5 |
| 11 | 7.5 | 6.0 | 7.0 | 17.0 | 13.0 | 15.5 | 17.5 | 15.5 | 16.5 | 18.5 | 17.0 | 17.5 |
| 12 | 8.0 | 7.0 | 7.5 | 17.0 | 15.0 | 15.5 | 17.5 | 15.0 | 16.0 | 19.5 | 17.5 | 18.5 |
| 13 | 7.5 | 7.0 | 7.5 | 15.5 | 13.5 | 14.5 | 17.0 | 14.5 | 16.0 | 19.5 | 17.5 | 18.0 |
| 14 | 9.0 | 7.5 | 8.0 | 14.5 | 14.0 | 14.5 | 16.0 | 15.5 | 16.0 | 19.5 | 18.0 | 18.5 |
| 15 | 9.0 | 8.5 | 9.0 | 14.5 | 14.0 | 14.5 | 16.0 | 15.5 | 15.5 | 22.0 | 18.5 | 20.0 |
| 16 | 10.0 | 8.5 | 9.0 | 16.0 | 14.0 | 14.5 | 15.5 | 15.5 | 15.5 | 23.0 | 21.5 | 22.5 |
| 17 | 10.0 | 9.0 | 9.5 | 16.5 | 15.0 | 15.5 | 18.5 | 15.5 | 16.0 | 24.0 | 22.5 | 23.5 |
| 18 | 10.0 | 9.5 | 10.0 | 15.5 | 14.5 | 14.5 | 16.5 | 15.5 | 15.5 | 23.5 | 21.5 | 22.5 |
| 19 | 11.0 | 9.5 | 10.5 | 14.5 | 14.0 | 14.0 | 16.0 | 15.5 | 15.5 | 23.5 | 19.5 | 21.5 |
| 20 | 11.0 | 10.5 | 10.5 | 15.5 | 14.0 | 14.5 | 16.0 | 15.5 | 16.0 | 22.5 | 18.5 | 20.0 |
| 21 | 10.5 | 10.5 | 10.5 | 15.0 | 14.5 | 15.0 | 19.5 | 15.5 | 17.5 | 21.0 | 18.5 | 20.0 |
| 22 | 11.0 | 10.5 | 10.5 | 16.5 | 14.5 | 15.0 | 18.0 | 15.5 | 16.5 | 22.5 | 19.0 | 21.0 |
| 23 | 11.0 | 10.5 | 10.5 | 15.5 | 14.5 | 15.0 | 17.0 | 16.0 | 16.5 | 22.0 | 18.5 | 20.0 |
| 24 | 11.0 | 10.5 | 11.0 | 15.0 | 15.0 | 15.0 | 17.5 | 15.5 | 16.5 | 21.0 | 18.0 | 19.0 |
| 25 | 11.0 | 10.5 | 11.0 | 17.0 | 15.0 | 15.5 | 18.5 | 16.0 | 17.0 | 21.0 | 17.5 | 18.5 |
| 26 | 11.0 | 10.5 | 10.5 | 17.0 | 15.0 | 15.5 | 17.5 | 16.0 | 17.0 | 19.5 | 17.5 | 18.0 |
| 27 | 13.5 | 10.5 | 11.0 | 17.5 | 15.0 | 16.0 | 18.0 | 17.0 | 17.5 | 23.5 | 18.5 | 20.5 |
| 28 | 12.0 | 11.0 | 11.0 | 17.0 | 16.0 | 16.5 | 19.0 | 17.0 | 18.0 | 26.0 | 21.0 | 22.5 |
| 29 | 12.5 | 11.0 | 11.5 | 16.5 | 16.0 | 16.0 | 17.5 | 16.5 | 17.0 | 22.5 | 19.5 | 20.5 |
| 30 | --- | --- | --- | 16.0 | 15.5 | 16.0 | 17.5 | 16.5 | 17.0 | 23.5 | 20.5 | 23.0 |
| 31 | - | - | -- | 16.0 | 15.5 | 16.0 | --- | --- | --- | 24.0 | 23.5 | 23.5 |
| MONTH | 13.5 | 3.5 | 8.1 | 17.5 | 11.0 | 14.6 | 19.5 | 14.5 | 16.6 | 26.0 | 16.5 | 19.8 |

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  |  | JULY |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 24.0 | 23.5 | 23.5 | 28.0 | 27.0 | 27.5 | 29.5 | 28.5 | 29.0 | 27.5 | 27.0 | 27.0 |
| 2 | 23.5 | 23.0 | 23.5 | 28.0 | 27.5 | 27.5 | 29.0 | 28.5 | 28.5 | 27.5 | 27.0 | 27.0 |
| 3 | 23.5 | 23.0 | 23.5 | 27.5 | 27.5 | 27.5 | 28.5 | 28.5 | 28.5 | 28.0 | 27.0 | 27.5 |
| 4 | 24.0 | 23.0 | 23.5 | 27.5 | 27.0 | 27.5 | 28.5 | 28.5 | 28.5 | 28.0 | 27.0 | 27.5 |
| 5 | 24.5 | 23.5 | 24.0 | 27.5 | 26.5 | 27.0 | 28.5 | 28.0 | 28.0 | 28.0 | 27.0 | 27.5 |
| 6 | 24.5 | 23.5 | 24.0 | 28.0 | 26.5 | 27.0 | 28.5 | 28.0 | 28.0 | 27.0 | 25.5 | 26.0 |
| 7 | 24.5 | 23.5 | 24.0 | 29.5 | 26.5 | 27.5 | 28.5 | 28.0 | 28.0 | 25.5 | 25.0 | 25.0 |
| 8 | 24.5 | 24.0 | 24.5 | 28.5 | 27.0 | 28.0 | 28.5 | 28.0 | 28.0 | 25.0 | 25.0 | 25.0 |
| 9 | 25.0 | 24.5 | 24.5 | 29.0 | 28.0 | 28.5 | 28.5 | 28.0 | 28.0 | 25.5 | 25.0 | 25.0 |
| 10 | 25.0 | 24.5 | 25.0 | 28.5 | 27.0 | 28.0 | 28.5 | 28.0 | 28.5 | 25.5 | 25.0 | 25.0 |
| 11 | 25.5 | 24.5 | 25.0 | 29.0 | 27.0 | 28.0 | 29.5 | 28.5 | 28.5 | 25.5 | 24.5 | 25.0 |
| 12 | 25.5 | 24.5 | 25.0 | 29.5 | 28.0 | 28.5 | 29.5 | 28.5 | 29.0 | 26.0 | 25.0 | 25.5 |
| 13 | 25.5 | 24.5 | 25.0 | 29.5 | 28.0 | 29.0 | 29.5 | 29.0 | 29.5 | 26.0 | 25.5 | 26.0 |
| 14 | 25.0 | 24.5 | 24.5 | 29.5 | 28.5 | 29.0 | 29.5 | 29.0 | 29.5 | 26.5 | 25.5 | 26.0 |
| 15 | 25.0 | 24.5 | 24.5 | 30.0 | 29.0 | 29.5 | 29.5 | 29.0 | 29.0 | 26.5 | 25.5 | 26.0 |
| 16 | 25.5 | 24.5 | 25.0 | 29.5 | 29.0 | 29.0 | 29.5 | 29.0 | 29.0 | 26.0 | 25.5 | 26.0 |
| 17 | 25.5 | 24.5 | 25.0 | 29.5 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 26.0 | 25.5 | 25.5 |
| 18 | 27.0 | 25.0 | 25.5 | 29.5 | 29.0 | 29.5 | 30.0 | 29.0 | 29.0 | 25.5 | 24.0 | 25.0 |
| 19 | 27.0 | 25.0 | 26.0 | 29.5 | 29.0 | 29.5 | 29.5 | 28.5 | 29.0 | 24.5 | 24.0 | 24.0 |
| 20 | 27.5 | 25.0 | 25.5 | 29.5 | 28.5 | 29.0 | 30.0 | 29.0 | 29.5 | 24.5 | 24.0 | 24.5 |
| 21 | 27.0 | 26.0 | 26.5 | 30.0 | 28.5 | 29.5 | 29.5 | 28.5 | 29.0 | 25.0 | 24.5 | 24.5 |
| 22 | 27.5 | 25.5 | 26.5 | 31.0 | 29.5 | 30.0 | 28.5 | 28.0 | 28.5 | 24.5 | 24.0 | 24.5 |
| 23 | 26.5 | 25.0 | 25.5 | 30.5 | 29.5 | 30.0 | 28.5 | 28.0 | 28.5 | 25.0 | 24.0 | 24.0 |
| 24 | 27.0 | 26.0 | 26.0 | 30.0 | 29.5 | 29.5 | 29.5 | 28.0 | 28.5 | 24.0 | 24.0 | 24.0 |
| 25 | 27.5 | 26.5 | 26.5 | 29.5 | 28.5 | 29.0 | 28.5 | 28.0 | 28.5 | 26.0 | 23.5 | 24.5 |
| 26 | 27.5 | 26.0 | 27.0 | 28.5 | 28.0 | 28.5 | 28.5 | 28.0 | 28.0 | 25.5 | 23.5 | 24.5 |
| 27 | 28.0 | 26.5 | 27.5 | 28.5 | 28.0 | 28.5 | 28.5 | 28.0 | 28.5 | 24.0 | 23.0 | 23.5 |
| 28 | 27.5 | 26.5 | 27.0 | 28.5 | 28.0 | 28.5 | 28.0 | 28.0 | 28.0 | 23.5 | 23.0 | 23.0 |
| 29 | 27.5 | 26.0 | 26.5 | 28.5 | 28.0 | 28.5 | 28.0 | 28.0 | 28.0 | 23.5 | 23.0 | 23.0 |
| 30 | 27.5 | 25.5 | 26.5 | 28.5 | 28.0 | 28.5 | 28.0 | 27.5 | 27.5 | 23.0 | 22.5 | 23.0 |
| 31 | - | - | -- | 29.5 | 28.5 | 29.0 | 27.5 | 27.0 | 27.0 | --- | --- | --- |
| MONTH | 28.0 | 23.0 | 25.2 | 31.0 | 26.5 | 28.6 | 30.0 | 27.0 | 28.5 | 28.0 | 22.5 | 25.1 |
| YEAR | 31.0 | 3.0 | 19.3 |  |  |  |  |  |  |  |  |  |

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | OCTOBER |  |  | NOVEMBER |  | DECEMBER |  |  |  | JANUARY |  |  |
| 1 | 23.0 | 23.0 | 23.0 | 17.0 | 16.5 | 17.0 | --- | --- | --- | --- | --- | --- |
| 2 | 23.0 | 23.0 | 23.0 | 18.0 | 17.0 | 17.5 | --- | --- | --- | --- | --- | --- |
| 3 | 23.0 | 23.0 | 23.0 | 18.0 | 17.0 | 17.5 |  |  |  |  |  |  |
| 4 | 23.5 | 23.0 | 23.0 | 17.0 | 16.0 | 16.5 | 14.0 | 13.5 | 13.5 | 10.0 | 8.5 | 9.0 |
| 5 | 23.0 | 23.0 | 23.0 | 17.0 | 16.0 | 16.5 | 13.5 | 13.0 | 13.5 | 10.0 | 9.5 | 10.0 |
| 6 | 23.0 | 22.5 | 22.5 | 16.0 | 14.0 | 15.5 | 14.0 | 13.0 | 13.5 | 10.0 | 9.5 | 9.5 |
| 7 | 22.5 | 22.0 | 22.5 | 15.5 | 10.5 | 13.5 | 14.0 | 13.0 | 13.5 | 9.5 | 9.5 | 9.5 |
| 8 | 22.5 | 22.0 | 22.0 | 16.0 | 15.5 | 15.5 | 13.5 | 13.0 | 13.0 | 10.0 | 9.5 | 9.5 |
| 9 | 22.5 | 22.0 | 22.0 | 16.0 | 15.0 | 15.5 | 13.0 | 12.5 | 12.5 | 10.0 | 9.5 | 9.5 |
| 10 | 22.5 | 21.5 | 22.0 | 16.0 | 15.5 | 15.5 | 13.0 | 12.0 | 12.5 | 10.5 | 9.5 | 10.0 |
| 11 | 22.0 | 21.5 | 22.0 | 17.0 | 15.5 | 16.0 | 13.0 | 12.5 | 12.5 | 10.5 | 10.5 | 10.5 |
| 12 | 22.5 | 22.0 | 22.0 | 16.5 | 16.0 | 16.5 | 12.5 | 12.5 | 12.5 | 10.5 | 10.5 | 10.5 |
| 13 | 22.5 | 21.5 | 22.0 | 16.5 | 16.0 | 16.5 | 13.0 | 12.0 | 12.5 | 11.0 | 10.5 | 10.5 |
| 14 | 21.5 | 21.5 | 21.5 | 16.5 | 16.0 | 16.5 | 13.0 | 12.0 | 12.5 | 11.0 | 10.0 | 10.5 |
| 15 | 21.5 | 21.0 | 21.5 | 17.0 | 16.5 | 16.5 | 12.5 | 12.0 | 12.5 | 10.0 | 10.0 | 10.0 |
| 16 | 21.5 | 21.0 | 21.0 | 16.5 | 15.5 | 16.0 | 12.5 | 12.0 | 12.5 | 10.0 | 9.5 | 10.0 |
| 17 | 21.5 | 21.0 | 21.0 | 16.5 | 14.0 | 15.5 | 12.5 | 11.5 | 12.0 | 10.0 | 9.5 | 9.5 |
| 18 | 21.0 | 21.0 | 21.0 | 16.0 | 15.0 | 15.5 |  | --- | --- | 10.0 | 9.5 | 9.5 |
| 19 | 21.0 | 20.5 | 21.0 | 15.0 | 14.5 | 15.0 | --- | --- | --- | 9.5 | 9.0 | 9.0 |
| 20 | 21.0 | 20.0 | 20.5 | 15.0 | 14.5 | 15.0 | --- | --- | --- | 9.5 | 9.0 | 9.0 |
| 21 | 20.0 | 19.5 | 20.0 | --- | --- | --- | --- | --- | --- | 9.0 | 8.5 | 9.0 |
| 22 | 19.5 | 19.5 | 19.5 | --- | --- | --- | --- | --- | --- | 9.0 | 8.5 | 8.5 |
| 23 | 19.5 | 19.0 | 19.5 | --- | --- | --- | --- | --- | --- | 8.5 | 7.5 | 8.0 |
| 24 | 19.0 | 18.0 | 18.5 | --- | --- | --- | --- | --- | --- | 7.5 | 4.5 | 6.5 |
| 25 | 18.5 | 18.0 | 18.0 | --- | --- | --- | --- | --- | --- | 5.0 | 3.5 | 4.0 |
| 26 | 18.0 | 17.5 | 18.0 | --- | --- | --- | --- | --- | --- | 4.0 | 3.5 | 4.0 |
| 27 | 18.0 | 17.5 | 17.5 | --- | --- | --- | --- | --- | --- | 4.0 | 3.5 | 3.5 |
| 28 | 17.5 | 17.0 | 17.5 | --- | --- | --- | --- | --- | --- | 4.0 | 4.0 | 4.0 |
| 29 | 17.0 | 17.0 | 17.0 | --- | --- | --- | --- | --- | --- | 4.0 | 3.5 | 3.5 |
| 30 | 17.0 | 16.5 | 16.5 | --- | --- | --- | --- | --- | --- | 3.5 | 3.5 | 3.5 |
| 31 | 17.0 | 16.5 | 16.5 | --- | --- | --- | --- | --- | --- | 3.5 | 3.5 | 3.5 |
| MONTH | 23.5 | 16.5 | 20.6 | 18.0 | 10.5 | 16.0 | 14.0 | 11.5 | 12.8 | 11.0 | 3.5 | 8.0 |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  |  | EBRUAR |  |  | MARCH |  |  | APRIL |  |  | MAY |  |
| 1 | 4.0 | 3.5 | 3.5 | 10.5 | 10.0 | 10.0 | 15.5 | 15.0 | 15.0 | 16.5 | 15.5 | 16.0 |
| 2 | 4.0 | 3.5 | 4.0 | 10.5 | 10.0 | 10.0 | 15.5 | 15.0 | 15.5 | 16.5 | 15.5 | 16.0 |
| 3 | 4.5 | 4.0 | 4.0 | 10.0 | 10.0 | 10.0 | 16.0 | 15.0 | 15.5 | 16.5 | 15.5 | 16.0 |
| 4 | 4.5 | 4.0 | 4.5 | 11.0 | 10.0 | 10.5 | 17.0 | 15.0 | 15.5 | 17.0 | 16.0 | 16.5 |
| 5 | 5.0 | 4.5 | 4.5 | 10.5 | 10.0 | 10.5 | 16.0 | 15.5 | 16.0 | 17.0 | 16.5 | 16.5 |
| 6 | 5.0 | 4.5 | 5.0 | 11.0 | 10.5 | 10.5 | 16.0 | 14.0 | 15.5 | 17.5 | 16.5 | 17.0 |
| 7 | 5.5 | 5.0 | 5.0 | 11.0 | 10.0 | 10.5 | 15.5 | 13.5 | 14.5 | 17.5 | 16.5 | 17.0 |
| 8 | 5.5 | 5.0 | 5.0 | 11.0 | 10.0 | 10.5 | 16.5 | 13.5 | 15.0 | 17.0 | 16.5 | 16.5 |
| 9 | 5.5 | 5.5 | 5.5 | 11.0 | 10.5 | 10.5 | 16.0 | 14.0 | 15.0 | 17.5 | 16.5 | 16.5 |
| 10 | 5.5 | 5.5 | 5.5 | 11.5 | 10.5 | 11.0 | 15.0 | 13.5 | 14.0 | 17.0 | 16.0 | 16.5 |
| 11 | 6.5 | 5.5 | 6.0 | 11.5 | 11.0 | 11.0 | 15.0 | 13.5 | 14.5 | 17.0 | 16.5 | 16.5 |
| 12 | 7.0 | 6.0 | 6.5 | 12.0 | 10.5 | 11.0 | 15.0 | 13.5 | 14.0 | 17.0 | 16.5 | 16.5 |
| 13 | 7.0 | 6.5 | 7.0 | 11.5 | 10.5 | 11.0 | 15.5 | 13.5 | 14.5 | 17.0 | 16.5 | 16.5 |
| 14 | 8.5 | 7.0 | 7.5 | 12.0 | 11.0 | 11.5 | 15.5 | 15.0 | 15.0 | 17.0 | 16.5 | 16.5 |
| 15 | 8.5 | 8.0 | 8.5 | 13.0 | 11.5 | 12.0 | 15.0 | 15.0 | 15.0 | 18.0 | 16.5 | 17.5 |
| 16 | 8.5 | 8.0 | 8.0 | 13.5 | 12.5 | 13.0 | 15.0 | 15.0 | 15.0 | 19.5 | 17.5 | 18.0 |
| 17 | 9.0 | 8.5 | 8.5 | 14.0 | 12.0 | 13.0 | 15.5 | 15.0 | 15.0 | 20.0 | 18.0 | 19.0 |
| 18 | 9.0 | 9.0 | 9.0 | 14.0 | 13.0 | 13.5 | 15.5 | 15.0 | 15.0 | 21.0 | 18.0 | 19.0 |
| 19 | 10.5 | 9.0 | 9.5 | 14.0 | 13.5 | 13.5 | 15.0 | 15.0 | 15.0 | 19.5 | 17.0 | 18.0 |
| 20 | 10.5 | 9.5 | 10.0 | 14.5 | 13.5 | 14.0 | 15.0 | 15.0 | 15.0 | 18.0 | 17.0 | 17.0 |
| 21 | 10.0 | 9.5 | 10.0 | 14.5 | 14.0 | 14.5 | 15.5 | 15.0 | 15.0 | 17.5 | 17.0 | 17.0 |
| 22 | 10.0 | 9.5 | 10.0 | 14.5 | 14.0 | 14.0 | 15.5 | 14.5 | 15.0 | 19.0 | 17.0 | 17.5 |
| 23 | 10.0 | 10.0 | 10.0 | 14.0 | 13.5 | 14.0 | 15.0 | 15.0 | 15.0 | 18.5 | 17.0 | 17.5 |
| 24 | 10.0 | 10.0 | 10.0 | 14.5 | 14.0 | 14.0 | 15.5 | 14.5 | 15.0 | 17.5 | 17.0 | 17.0 |
| 25 | 10.0 | 10.0 | 10.0 | 14.5 | 14.0 | 14.0 | 15.5 | 15.0 | 15.0 | 18.0 | 16.5 | 17.0 |
| 26 | 10.0 | 10.0 | 10.0 | 14.5 | 14.0 | 14.5 | 15.5 | 15.0 | 15.5 | 17.5 | 16.5 | 17.0 |
| 27 | 10.0 | 9.5 | 10.0 | 15.0 | 14.0 | 14.5 | 16.5 | 15.0 | 15.5 | 17.5 | 17.0 | 17.5 |
| 28 | 10.0 | 10.0 | 10.0 | 16.0 | 14.5 | 15.0 | 16.5 | 15.0 | 16.0 | 21.0 | 17.5 | 18.5 |
| 29 | 10.0 | 10.0 | 10.0 | 15.5 | 14.5 | 15.0 | 16.5 | 15.5 | 15.5 | 19.0 | 17.5 | 18.0 |
| 30 |  | --- | - | 15.0 | 14.0 | 14.5 | 16.0 | 15.5 | 15.5 | 20.0 | 18.5 | 19.0 |
| 31 | --- | --- | -- | 15.5 | 14.0 | 15.0 |  | --- | --- | 22.0 | 20.0 | 21.0 |
| MONTH | 10.5 | 3.5 | 7.5 | 16.0 | 10.0 | 12.5 | 17.0 | 13.5 | 15.1 | 22.0 | 15.5 | 17.3 |

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued
TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  |  | JULY |  |  | UGUST |  |  | SEPTEMBER |  |
| 1 | 22.5 | 21.5 | 22.0 | 25.0 | 24.0 | 24.5 | 27.0 | 26.0 | 26.0 | 27.0 | 27.0 | 27.0 |
| 2 | 22.5 | 21.5 | 22.0 | 25.5 | 24.5 | 25.0 | 26.5 | 26.0 | 26.0 | 27.0 | 27.0 | 27.0 |
| 3 | 22.5 | 21.5 | 22.0 | 26.0 | 24.5 | 25.0 | 26.5 | 26.0 | 26.0 | 27.0 | 27.0 | 27.0 |
| 4 | 22.5 | 21.5 | 22.5 | 25.5 | 24.0 | 24.5 | 26.5 | 26.0 | 26.5 | 27.0 | 27.0 | 27.0 |
| 5 | 23.0 | 22.0 | 22.5 | 25.0 | 23.5 | 24.0 | 26.5 | 25.5 | 26.0 | 27.0 | 26.5 | 27.0 |
| 6 | 22.5 | 21.5 | 22.0 | 25.5 | 23.0 | 24.0 | 26.0 | 25.5 | 25.5 | 26.5 | 25.5 | 26.0 |
| 7 | 22.5 | 21.5 | 22.0 | 25.5 | 23.5 | 24.5 | 26.0 | 25.5 | 25.5 | 25.5 | 25.0 | 25.0 |
| 8 | 22.5 | 22.0 | 22.5 | 26.0 | 25.0 | 25.5 | 26.0 | 25.5 | 25.5 | 25.0 | 24.0 | 24.5 |
| 9 | 23.0 | 22.5 | 22.5 | 26.5 | 25.0 | 26.0 | 26.0 | 25.5 | 25.5 | 24.0 | 23.0 | 23.5 |
| 10 | 23.5 | 22.5 | 23.0 | 25.5 | 24.0 | 25.0 | 26.5 | 25.5 | 26.0 | 24.0 | 23.0 | 23.5 |
| 11 | 23.5 | 23.0 | 23.0 | 25.0 | 24.0 | 24.5 | 26.5 | 26.0 | 26.5 | 24.5 | 23.5 | 23.5 |
| 12 | 23.5 | 23.0 | 23.0 | 25.0 | 24.0 | 24.5 | 27.0 | 26.5 | 26.5 | 24.0 | 23.5 | 24.0 |
| 13 | 23.5 | 22.5 | 22.5 | 26.0 | 24.5 | 25.5 | 27.0 | 26.5 | 27.0 | 24.0 | 23.5 | 24.0 |
| 14 | 23.5 | 22.5 | 23.0 | 26.5 | 25.0 | 26.0 | 27.5 | 26.5 | 27.5 | 24.5 | 24.0 | 24.0 |
| 15 | 23.5 | 22.5 | 23.0 | 27.0 | 26.0 | 26.0 | 27.5 | 26.5 | 27.0 | 24.5 | 24.0 | 24.0 |
| 16 | 23.5 | 23.0 | 23.0 | 26.5 | 25.5 | 26.0 | 27.0 | 27.0 | 27.0 | 25.0 | 24.0 | 24.5 |
| 17 | 23.5 | 23.0 | 23.0 | 26.0 | 25.5 | 26.0 | 27.5 | 27.0 | 27.0 | 25.0 | 24.0 | 24.5 |
| 18 | 25.5 | 23.0 | 23.5 | 26.5 | 25.5 | 26.0 | 28.0 | 27.0 | 27.5 | 24.5 | 23.5 | 24.0 |
| 19 | 24.0 | 23.0 | 23.5 | 26.5 | 26.0 | 26.0 | 28.0 | 27.5 | 27.5 | 24.0 | 23.5 | 23.5 |
| 20 | 23.5 | 23.0 | 23.5 | 26.5 | 25.5 | 26.0 | 29.0 | 28.0 | 28.5 | 24.0 | 23.5 | 24.0 |
| 21 | 25.0 | 23.5 | 23.5 | 26.5 | 25.5 | 26.5 | 28.5 | 28.5 | 28.5 | 24.0 | 23.0 | 23.5 |
| 22 | 25.0 | 23.5 | 24.0 | 27.5 | 26.5 | 27.0 | 28.5 | 28.0 | 28.5 | 23.5 | 22.5 | 23.0 |
| 23 | 24.0 | 23.0 | 23.5 | 28.0 | 27.0 | 27.5 | 28.5 | 28.0 | 28.0 | 24.0 | 23.5 | 24.0 |
| 24 | 24.0 | 23.0 | 23.5 | 28.0 | 27.5 | 27.5 | 28.5 | 28.0 | 28.0 | 23.5 | 22.5 | 23.0 |
| 25 | 24.0 | 23.5 | 24.0 | 27.5 | 27.0 | 27.5 | 28.0 | 27.0 | 27.5 | 23.5 | 22.5 | 22.5 |
| 26 | 25.0 | 24.0 | 24.0 | 27.0 | 26.5 | 26.5 | 28.0 | 27.5 | 27.5 | 23.0 | 22.5 | 22.5 |
| 27 | 24.0 | 23.5 | 24.0 | 26.5 | 26.5 | 26.5 | 28.0 | 27.5 | 28.0 | 23.0 | 22.5 | 22.5 |
| 28 | 25.0 | 23.5 | 24.0 | 26.5 | 26.0 | 26.0 | 28.0 | 27.0 | 27.5 | 23.0 | 22.5 | 22.5 |
| 29 | 24.5 | 23.0 | 23.5 | 26.5 | 26.0 | 26.0 | 28.0 | 27.5 | 27.5 | 23.0 | 22.5 | 22.5 |
| 30 | 24.5 | 23.5 | 24.0 | 26.5 | 26.0 | 26.0 | 28.0 | 27.5 | 27.5 | 22.5 | 22.0 | 22.5 |
| 31 | - | --- | --- | 27.0 | 26.0 | 26.5 | 27.5 | 27.0 | 27.0 | --- | --- | --- |
| MONTH | 25.5 | 21.5 | 23.1 | 28.0 | 23.0 | 25.7 | 29.0 | 25.5 | 27.0 | 27.0 | 22.0 | 24.2 |

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000


02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER $1999^{\prime}$ TO SEPTEMBER 2000


OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | OCTOBER |  |  | NOVEMBER |  |  | MBER |  |  | JANUARY |  |
| 1 | --- | - | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | --- | - | - | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | --- | --- | --- | 7.8 | 6.5 | 7.2 | --- | --- | --- | --- | --- | --- |
| 4 | --- | --- | --- | 7.3 | 5.4 | 6.6 | 9.4 | 7.2 | 8.1 | 10.6 | 9.1 | 9.9 |
| 5 | --- | --- | --- | 6.8 | 4.9 | 5.7 | 8.8 | 6.9 | 7.8 | 10.9 | 9.2 | 10.1 |
| 6 | - | --- | --- | 6.3 | 4.6 | 5.5 | 9.6 | 6.7 | 8.2 | 10.8 | 9.6 | 10.0 |
| 7 | --- | --- | --- | 6.0 | 3.7 | 4.9 | 8.9 | 7.1 | 8.0 | 11.8 | 9.0 | 10.5 |
| 8 | --- | --- | --- | 5.7 | 3.5 | 4.4 | 8.9 | 6.8 | 7.8 | 10.6 | 8.8 | 9.8 |
| 9 | --- | --- | --- | 4.5 | 2.4 | 3.5 | 8.8 | 6.6 | 7.7 | 10.8 | 9.6 | 10.2 |
| 10 | - | --- | --- | 5.9 | 2.5 | 3.7 | 8.6 | 6.6 | 7.6 | 10.8 | 9.3 | 10.0 |
| 11 | --- | --- | --- | 5.8 | 2.4 | 4.1 | 9.1 | 6.7 | 7.7 | 10.4 | 9.5 | 9.8 |
| 12 | --- | --- | -- | 4.7 | 2.9 | 3.9 | 9.2 | 7.0 | 8.3 | 10.2 | 9.1 | 9.5 |
| 13 | --- | --- | --- | 4.4 | 2.7 | 3.6 | 9.4 | 7.0 | 8.2 | 10.5 | 9.2 | 9.9 |
| 14 | --- | --- | --- | 4.7 | 2.7 | 3.8 | 9.0 | 7.2 | 8.2 | 10.1 | 9.6 | 9.9 |
| 15 | --- | --- | --- | 5.0 | 2.9 | 3.9 | 8.5 | 7.3 | 7.9 | 10.1 | 9.3 | 9.7 |
| 16 | - | --- | --- | 5.0 | 2.6 | 4.0 | 8.2 | 5.6 | 7.1 | 10.0 | 9.3 | 9.6 |
| 17 | --- | --- | --- | 4.3 | 2.5 | 3.5 | 7.0 | 5.1 | 6.1 | 10.6 | 9.4 | 9.7 |
| 18 | --- | --- | --- | 4.5 | 3.1 | 3.7 | --- | 5. | --- | 10.0 | 9.3 | 9.5 |
| 19 | --- | --- | --- | 4.4 | 2.4 | 3.5 | --- | --- | -- | 9.7 | 8.8 | 9.3 |
| 20 | 8.0 | 3.1 | 4.9 | 4.3 | 2.0 | 3.1 | --- | --- | --- | 10.3 | 9.3 | 9.9 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | - | 10.6 | 9.5 | 10.0 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.0 | 9.6 | 9.8 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.9 | 9.1 | 9.6 |
| 24 | - | --- | --- | --- | --- | --- | --- | --- | --- | 10.6 | 8.6 | 9.3 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | - | 11.5 | 10.6 | 11.1 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | -- | 11.6 | 11.1 | 11.3 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.5 | 10.7 | 11.3 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.3 | 10.7 | 11.0 |
| 29 | - | --- | --- | --- | --- | --- | --- | - | - | 11.2 | 10.4 | 10.8 |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.3 | 10.7 | 11.0 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 11.2 | 10.6 | 10.9 |
| MONTH | 8.0 | 3.1 | 4.9 | 7.8 | 2.0 | 4.4 | 9.6 | 5.1 | 7.8 | 11.8 | 8.6 | 10.1 |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  |  | FEBRUARY |  |  | MARCH |  |  | RIL |  |  | MAY |  |
| 1 | 11.1 | 10.4 | 10.8 | 11.2 | 6.2 | 7.9 | 4.9 | 4.1 | 4.5 | 6.6 | 3.7 | 5.2 |
| 2 | 11.0 | 10.3 | 10.7 | 9.5 | 7.0 | 8.4 | 8.3 | 3.7 | 5.2 | 6.2 | 2.8 | 4.9 |
| 3 | 10.9 | 10.3 | 10.6 | 8.9 | 6.5 | 7.3 | 7.9 | 5.4 | 6.6 | 4.2 | 1.9 | 3.2 |
| 4 | 11.0 | 10.2 | 10.6 | 8.8 | 4.6 | 7.4 | 7.5 | 5.1 | 6.7 | 5.0 | 1.4 | 3.0 |
| 5 | 10.7 | 10.1 | 10.4 | 9.5 | 7.9 | 8.7 | 6.9 | 6.1 | 6.6 | 5.9 | 2.1 | 4.1 |
| 6 | 10.4 | 9.8 | 10.0 | 9.5 | 7.8 | 8.7 | 7.5 | 6.5 | 7.0 | 8.2 | 1.4 | 5.1 |
| 7 | 10.2 | 9.7 | 9.9 | 8.7 | 7.0 | 8.0 | 7.4 | 6.7 | 6.9 | 5.4 | 2.9 | 4.4 |
| 8 | 10.0 | 9.0 | 9.4 | 8.9 | 6.5 | 8.0 | 7.7 | 6.4 | 7.1 | 4.2 | 1.8 | 3.3 |
| 9 | 9.3 | 8.8 | 9.0 | 9.8 | 6.7 | 8.0 | 8.3 | 6.5 | 7.3 | 3.6 | 1.6 | 2.6 |
| 10 | 9.6 | 8.6 | 9.1 | 7.8 | 5.6 | 6.6 | 7.5 | 6.4 | 6.9 | 4.5 | 1.5 | 2.5 |
| 11 | 9.7 | 8.7 | 9.2 | 7.9 | 4.8 | 6.1 | 7.5 | 6.5 | 6.9 | 2.3 | 1.0 | 1.5 |
| 12 | 9.4 | 8.9 | 9.2 | 8.0 | 5.4 | 7.1 | 7.9 | 6.6 | 7.1 | 3.3 | 1.0 | 1.8 |
| 13 | 9.4 | 8.7 | 9.0 | 6.9 | 5.0 | 6.1 | 8.9 | 6.3 | 7.7 | 3.1 | . 9 | 1.6 |
| 14 | 9.3 | 8.8 | 9.1 | 6.9 | 5.8 | 6.2 | 8.4 | 7.6 | 8.0 | 1.9 | . 7 | 1.3 |
| 15 | 9.2 | 8.8 | 9.0 | 6.6 | 5.1 | 6.1 | 8.5 | 7.1 | 7.6 | 3.4 | . 3 | 1.7 |
| 16 | 9.8 | 8.7 | 9.0 | 9.7 | 5.3 | 6.3 | 7.9 | 6.9 | 7.3 | 6.9 | 3.1 | 5.1 |
| 17 | 9.3 | 8.6 | 8.8 | 8.4 | 4.8 | 7.2 | 8.3 | 6.5 | 7.3 | 7.6 | 4.3 | 5.8 |
| 18 | 9.1 | 8.5 | 8.8 | 8.0 | 5.1 | 6.9 | 8.3 | 6.1 | 6.9 | 5.5 | 1.9 | 3.4 |
| 19 | 9.0 | 8.2 | 8.7 | 7.9 | 6.6 | 7.3 | 6.6 | 5.7 | 6.2 | 3.7 | . 5 | 1.7 |
| 20 | 8.8 | 8.3 | 8.5 | 8.0 | 6.8 | 7.1 | 6.9 | 5.0 | 6.1 | 1.9 | . 1 | . 6 |
| 21 | 8.7 | 7.9 | 8.4 | 7.2 | 6.3 | 6.7 | 8.9 | 5.4 | 6.6 | 1.0 | . 0 | . 3 |
| 22 | 8.4 | 7.5 | 8.0 | 6.6 | 5.4 | 6.0 | 7.9 | 5.0 | 6.3 | 2.7 | . 3 | 1.3 |
| 23 | 8.3 | 7.5 | 7.8 | 6.9 | 5.1 | 5.6 | 7.5 | 4.6 | 5.9 | 2.6 | . 3 | . 9 |
| 24 | 8.4 | 7.2 | 7.7 | 5.5 | 4.7 | 5.1 | 7.4 | 4.5 | 5.3 | 2.0 | . 5 | 1.3 |
| 25 | 8.5 | 7.7 | 8.2 | 6.3 | 4.6 | 5.3 | 9.4 | 3.9 | 6.2 | 3.7 | . 7 | 1.8 |
| 26 | 8.3 | 7.0 | 7.7 | 6.2 | 4.3 | 5.3 | 8.5 | 3.5 | 6.1 | 1.9 | . 4 | 1.3 |
| 27 | 9.5 | 6.4 | 7.3 | 7.6 | 5.1 | 6.3 | 8.8 | 5.4 | 7.2 | 5.9 | . 0 | 2.0 |
| 28 | 7.9 | 6.0 | 6.9 | 7.2 | 6.4 | 6.9 | 10.3 | 4.4 | 6.9 | 8.4 | 1.1 | 4.1 |
| 29 | 8.8 | 5.9 | 6.6 | 7.0 | 5.8 | 6.3 | 6.5 | 3.8 | 5.2 | 3.1 | . 5 | 1.5 |
| 30 | -- | -- | --- | 6.1 | 4.2 | 5.6 | 6.5 | 3.9 | 5.0 | 7.0 | . 0 | 4.6 |
| 31 | --- | --- | -- | 5.0 | 4.0 | 4.5 |  | --- | --- | 8.6 | 5.2 | 7.0 |
| MONTH | 11.1 | 5.9 | 8.9 | 11.2 | 4.0 | 6.7 | 10.3 | 3.5 | 6.6 | 8.6 | . 0 | 2.9 |

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER $1999^{\prime}$ TO SEPTEMBER 2000

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 8.6 | 5.7 | 7.0 | 6.0 | 2.5 | 3.8 | 5.2 | . 2 | 2.0 | 7.9 | 5.3 | 6.7 |
| 2 | 6.1 | 3.9 | 5.0 | 6.0 | 1.7 | 3.6 | 5.3 | 1.0 | 3.3 | 8.7 | 4.7 | 6.1 |
| 3 | 4.6 | 2.2 | 3.5 | 4.8 | 2.1 | 3.6 | 5.7 | 3.1 | 4.6 | 8.1 | 3.6 | 5.8 |
| 4 | 5.2 | 2.2 | 4.0 | 5.4 | . 6 | 2.7 | 5.6 | 2.7 | 4.4 | 6.9 | 3.5 | 5.2 |
| 5 | 4.3 | 1.9 | 3.3 | 4.5 | . 3 | 1.5 | 5.4 | . 0 | 3.5 | 7.1 | 2.9 | 5.3 |
| 6 | 4.6 | . 9 | 3.0 | 5.2 | . 0 | . 9 | 3.1 | . 0 | 1.4 | 7.5 | 6.0 | 6.7 |
| 7 | 4.8 | . 9 | 2.6 | 5.8 | . 0 | 2.0 | 2.2 | . 0 | . 7 | 9.5 | 6.1 | 7.6 |
| 8 | 6.8 | 3.6 | 5.8 | 5.6 | . 2 | 3.2 | . 4 | . 0 | . 0 | 9.5 | 6.7 | 7.9 |
| 9 | 6.8 | 4.8 | 5.9 | 6.4 | 3.1 | 4.6 | . 0 | . 0 | . 0 | 11.3 | 6.5 | 8.3 |
| 10 | 6.4 | 3.0 | 5.1 | 6.1 | . 2 | 3.6 | 1.3 | . 0 | . 1 | 10.5 | 5.1 | 7.1 |
| 11 | 6.1 | 3.0 | 4.4 | 2.9 | . 0 | 1.4 | 3.8 | . 0 | . 4 | 8.2 | 4.3 | 6.7 |
| 12 | 6.1 | 1.9 | 4.3 | 4.7 | . 1 | 1.8 | 4.1 | . 0 | 1.3 | 8.5 | 4.1 | 6.6 |
| 13 | 5.0 | . 3 | 2.5 | 4.9 | . 2 | 2.0 | 6.7 | . 2 | 4.5 | 8.1 | 4.8 | 6.5 |
| 14 | 3.7 | . 3 | 1.5 | 6.5 | . 3 | 3.3 | 6.6 | 3.0 | 5.0 | 8.5 | 4.2 | 6.1 |
| 15 | 2.3 | . 3 | 1.2 | 7.2 | . 3 | 3.3 | 6.3 | 4.2 | 5.3 | 8.8 | 3.8 | 5.8 |
| 16 | 4.7 | . 6 | 2.4 | 5.5 | . 1 | 1.9 | 6.1 | 1.9 | 4.5 | 10.9 | 2.8 | 7.0 |
| 17 | 2.6 | . 1 | 1.2 | 4.2 | . 1 | . 9 | 4.1 | . 5 | 2.5 | 10.6 | 6.3 | 8.3 |
| 18 | 5.1 | . 8 | 2.6 | 2.5 | . 0 | . 8 | 3.9 | . 5 | 1.9 | 8.3 | 5.7 | 7.3 |
| 19 | 3.9 | . 4 | 2.1 | 1.6 | . 0 | . 4 | 6.3 | . 8 | 1.9 | 7.5 | 5.2 | 6.5 |
| 20 | . 8 | . 0 | . 1 | -- | --- | - | 8.8 | 1.1 | 5.4 | 7.4 | 5.0 | 6.1 |
| 21 | 1.2 | . 0 | . 2 | --- | --- | --- | 6.8 | 4.9 | 5.5 | 9.5 | 4.0 | 6.4 |
| 22 | . 8 | . 0 | . 2 | -- | -- | -- | 5.9 | 3.8 | 4.6 | 8.7 | 2.8 | 5.0 |
| 23 | . 0 | . 0 | . 0 | 4.4 | . 2 | 2.4 | 5.9 | 3.5 | 4.8 | 8.4 | 4.2 | 6.5 |
| 24 | . 0 | . 0 | . 0 | 3.7 | 1.5 | 2.8 | 7.6 | 2.8 | 5.1 | 6.2 | 3.4 | 5.0 |
| 25 | . 0 | . 0 | . 0 | 4.8 | 2.0 | 3.9 | 5.9 | 1.3 | 3.7 | 9.8 | 2.7 | 4.8 |
| 26 | . 0 | . 0 | . 0 | 4.3 | 3.7 | 3.9 | 5.2 | . 8 | 2.6 | 9.5 | 1.5 | 5.3 |
| 27 | 3.3 | . 0 | . 8 | 4.4 | 2.0 | 3.4 | 8.9 | . 9 | 5.3 | 6.2 | 3.6 | 4.8 |
| 28 | 2.4 | . 0 | . 6 | 3.1 | . 7 | 1.7 | 6.6 | 4.2 | 5.4 | 5.5 | 2.5 | 4.3 |
| 29 | 2.9 | . 0 | . 4 | 1.8 | . 0 | . 6 | 7.9 | 4.1 | 5.9 | 7.1 | 3.0 | 5.2 |
| 30 | 4.5 | . 0 | 1.0 | 2.0 | . 0 | . 2 | 8.9 | 5.2 | 6.7 | 7.8 | 4.9 | 5.9 |
| 31 | -- | --- | --- | 5.0 | . 0 | 1.0 | 7.5 | 5.7 | 6.7 | --- | --- | - |
| MONTH | 8.6 | . 0 | 2.4 | 7.2 | . 0 | 2.3 | 8.9 | . 0 | 3.5 | 11.3 | 1.5 | 6.2 |
| YEAR | 11.8 | . 0 | 5.5 |  |  |  |  |  |  |  |  |  |

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 10.4 | . 1 | 4.0 | 4.4 | 1.5 | 2.8 | --- | --- | --- | --- | --- | --- |
| 2 | 8.5 | 1.7 | 6.0 | 7.9 | 1.6 | 3.6 | --- | --- | --- | --- | --- | --- |
| 3 | 6.1 | . 2 | 2.8 | 9.0 | 6.7 | 8.1 |  | --- |  | --- | --- | --- |
| 4 | 9.4 | . 1 | 3.6 | 8.9 | 7.7 | 8.2 | 10.6 | 9.0 | 10.1 | --- | --- | --- |
| 5 | 8.3 | 1.0 | 5.5 | 8.9 | 7.4 | 8.3 | 11.9 | 9.7 | 10.7 | 7.1 | 5.6 | 6.4 |
| 6 | 3.1 | . 8 | 1.6 | 9.2 | 6.4 | 7.5 | 11.4 | 9.6 | 10.5 | 6.6 | 5.8 | 6.2 |
| 7 | 2.2 | . 0 | . 5 | 6.8 | 4.3 | 5.8 | 11.4 | 10.1 | 10.8 | 6.4 | 4.9 | 5.7 |
| 8 | 2.1 | . 0 | . 7 | 6.1 | 3.4 | 4.9 | 11.4 | 9.7 | 10.5 | 5.3 | 4.5 | 4.9 |
| 9 | 2.4 | . 2 | 1.2 | 4.3 | 2.8 | 3.6 | 11.2 | 7.8 | 10.0 | 5.7 | 4.3 | 4.9 |
| 10 | 2.2 | . 1 | 1.0 | 3.8 | 2.7 | 3.1 | 11.6 | 8.6 | 9.9 | 6.4 | 4.3 | 5.8 |
| 11 | 1.8 | . 1 | . 7 | 9.2 | . 7 | 3.5 | 11.5 | 9.9 | 10.7 | 6.4 | 5.8 | 6.1 |
| 12 | 1.4 | . 1 | . 5 | 10.5 | 3.5 | 6.6 | --- | --- | --- | --- | --- | --- |
| 13 | 8.0 | . 2 | 4.5 | 11.7 | 3.7 | 7.8 | --- | --- | --- | --- | --- | --- |
| 14 | 7.4 | 2.8 | 5.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | 7.9 | 4.1 | 6.3 | --- | --- | --- | --- | --- | --- | 6.7 | 6.0 | 6.4 |
| 16 | 7.8 | 2.3 | 6.7 | --- | --- | -- | 9.1 | 7.6 | 8.5 | 6.8 | 5.5 | 6.4 |
| 17 | 8.3 | 5.2 | 6.8 | --- | --- | --- | 9.2 | 8.6 | 8.9 | 6.7 | 6.3 | 6.6 |
| 18 | 9.1 | 5.2 | 8.0 | --- | --- | --- | --- | --- | --- | 6.8 | 6.2 | 6.6 |
| 19 | 8.5 | 5.2 | 6.8 | --- | --- | --- | --- | --- | --- | 7.0 | 6.5 | 6.7 |
| 20 | 7.5 | 6.3 | 7.2 | --- | --- | --- | --- | --- | --- | 7.6 | 6.8 | 7.2 |
| 21 | 7.2 | 5.8 | 6.8 | --- | --- | --- | --- | --- | --- | 7.5 | 7.0 | 7.2 |
| 22 | 8.0 | 5.8 | 6.9 | --- | --- | --- | --- | --- | --- | 7.6 | 7.1 | 7.3 |
| 23 | 8.4 | 7.2 | 7.7 | --- | --- | --- | --- | --- | --- | 7.5 | 6.9 | 7.3 |
| 24 | 8.7 | 7.8 | 8.3 | --- | --- | --- | --- | --- | --- | 8.3 | 6.5 | 7.1 |
| 25 | 8.7 | 7.4 | 8.2 | --- | --- | --- | --- | --- | --- | 9.0 | 8.2 | 8.7 |
| 26 | 9.0 | 6.4 | 7.8 | --- | --- | --- | --- | --- | --- | 9.2 | 8.7 | 8.9 |
| 27 | 8.4 | 5.6 | 7.6 | --- | --- | --- | --- | --- | --- | 9.1 | 8.7 | 9.0 |
| 28 | 6.8 | 3.6 | 5.1 | --- | --- | --- | --- | --- | - | 9.0 | 8.5 | 8.8 |
| 29 | 5.9 | 3.3 | 4.0 | --- | --- | --- | --- | --- | --- | 9.1 | 8.5 | 8.9 |
| 30 | 5.3 | 2.4 | 3.4 | --- | --- | --- | --- | --- | --- | 9.3 | 9.0 | 9.2 |
| 31 | 5.3 | 1.9 | 3.2 | --- | --- | --- | --- | --- | --- | 9.3 | 9.1 | 9.2 |
| MONTH | 10.4 | . 0 | 4.8 | 11.7 | . 7 | 5.7 | 11.9 | 7.6 | 10.1 | 9.3 | 4.3 | 7.1 |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 9.4 | 9.0 | 9.2 | --- | --- | --- | 2.4 | . 0 | . 7 | 5.1 | . 0 | 1.0 |
| 2 | 9.4 | 9.1 | 9.2 | --- | --- | --- | 4.1 | . 0 | 1.0 | 4.7 | . 0 | 2.0 |
| 3 | 9.5 | 9.0 | 9.3 | --- | --- | --- | 3.8 | . 0 | 2.0 | 1.2 | . 0 | . 1 |
| 4 | 9.6 | 9.3 | 9.4 | --- | --- | --- | 7.5 | . 0 | 4.0 | . 0 | . 0 | . 0 |
| 5 | 9.6 | 9.4 | 9.5 | --- | --- | --- | 6.1 | 3.8 | 5.0 | . 0 | . 0 | . 0 |
| 6 | 9.6 | 9.3 | 9.5 | --- | --- | -- | 7.2 | 4.4 | 5.7 | . 0 | . 0 | . 0 |
| 7 | 9.7 | 9.3 | 9.4 | 8.7 | 5.1 | 7.2 | 6.9 | 4.1 | 4.9 | . 0 | . 0 | . 0 |
| 8 | 9.6 | 8.8 | 9.2 | 9.2 | 5.8 | 7.5 | 7.7 | 4.3 | 5.4 | . 0 | . 0 | . 0 |
| 9 | 9.3 | 8.5 | 9.0 | --- | --- | --- | 7.7 | 5.0 | 5.9 | . 0 | . 0 | . 0 |
| 10 | --- | --- | --- | --- | --- | --- | 8.8 | 5.0 | 6.0 | . 0 | . 0 | . 0 |
| 11 | - | --- | --- | --- | - | -- | 9.6 | 5.0 | 6.7 | . 0 | . 0 | . 0 |
| 12 | --- | --- | --- | --- | --- | --- | 7.6 | 4.3 | 5.8 | . 0 | . 0 | . 0 |
| 13 | --- | --- | --- | 6.2 | 2.4 | 4.2 | 6.3 | 3.1 | 4.7 | . 0 | . 0 | . 0 |
| 14 | - | --- | --- | 3.4 | 1.3 | 2.3 | 6.8 | 5.6 | 6.4 | . 0 | . 0 | . 0 |
| 15 | --- | --- | --- | 3.0 | . 0 | . 7 | 6.9 | 5.9 | 6.4 | . 0 | . 0 | . 0 |
| 16 | --- | --- | --- | 4.8 | . 0 | 1.7 | 9.8 | 5.5 | 6.8 | . 0 | . 0 | . 0 |
| 17 | --- | --- | --- | 5.4 | . 4 | 2.7 | 8.1 | 5.5 | 6.9 | . 0 | . 0 | . 0 |
| 18 | --- | -- | -- | 5.8 | . 2 | 3.7 | 9.4 | 4.0 | 6.0 | . 0 | . 0 | . 0 |
| 19 | --- | -- | -- | 8.3 | 4.2 | 6.6 | 7.7 | 2.8 | 5.0 | . 0 | . 0 | . 0 |
| 20 | 9.1 | 7.5 | 8.0 | 8.4 | 6.1 | 6.7 | 7.7 | 2.7 | 5.5 | . 0 | . 0 | . 0 |
| 21 | 8.0 | 6.9 | 7.5 | 6.6 | 5.0 | 5.7 | 5.0 | 2.9 | 4.0 | . 0 | . 0 | . 0 |
| 22 | 7.6 | 6.6 | 7.0 | 5.7 | 3.7 | 4.5 | 8.2 | 2.9 | 4.1 | . 0 | . 0 | . 0 |
| 23 | 8.9 | 6.0 | 7.3 | 6.5 | 1.6 | 2.9 | 3.5 | 2.6 | 3.0 | . 0 | . 0 | . 0 |
| 24 | 7.4 | 5.7 | 6.5 | 4.0 | 1.2 | 2.7 | 4.4 | 2.5 | 3.1 | . 0 | . 0 | . 0 |
| 25 | --- | --- | --- | 3.9 | . 3 | 2.1 | 4.3 | . 8 | 1.9 | . 0 | . 0 | . 0 |
| 26 | --- | --- | --- | 3.9 | . 0 | 2.0 | 1.1 | . 0 | . 2 | . 0 | . 0 | . 0 |
| 27 | --- | --- | --- | 6.6 | . 0 | 3.4 | 6.8 | . 0 | . 7 | . 0 | . 0 | . 0 |
| 28 | --- | --- | --- | 6.7 | 2.2 | 5.5 | 5.9 | . 0 | 2.4 | . 0 | . 0 | . 0 |
| 29 | --- | --- | --- | 6.3 | 4.1 | 5.1 | 6.2 | . 0 | . 5 | . 0 | . 0 | . 0 |
| 30 | --- | - | - | 4.7 | . 9 | 2.8 | 2.0 | . 0 | . 1 | . 0 | . 0 | . 0 |
| 31 | --- | --- | --- | 3.0 | . 0 | 1.2 | --- | --- | --- | . 0 | . 0 | . 0 |
| MONTH | 9.7 | 5.7 | 8.6 | 9.2 | . 0 | 3.9 | 9.8 | . 0 | 4.0 | 5.1 | . 0 | . 1 |

02167716 LITTLE SALUDA RIVER NEAR PROSPERITY, SC--Continued OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER $1999^{\prime}$ TO SEPTEMBER 2000

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  | JULY |  | AUGUST |  |  |  | SEPTEMBER |  |  |
| 1 | 1.9 | . 0 | . 4 | . 0 | . 0 | . 0 | 1.9 | . 0 | . 1 | 5.0 | 1.2 | 3.3 |
| 2 | 1.0 | . 0 | . 1 | . 0 | . 0 | . 0 | 2.0 | . 0 | . 2 | 2.6 | . 0 | 1.0 |
| 3 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 1.7 | . 0 | . 0 |
| 4 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 |
| 5 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 3.4 | . 0 | . 1 |
| 6 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 5.9 | . 9 | 4.9 |
| 7 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 6.3 | 4.3 | 5.4 |
| 8 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 5.3 | 1.8 | 3.3 |
| 9 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 4.0 | . 6 | 2.3 |
| 10 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 2.2 | . 0 | 1.3 |
| 11 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 1.4 | . 0 | . 2 |
| 12 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 8 | . 0 | . 2 |
| 13 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 |
| 14 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 6.3 | . 0 | 1.5 | . 0 | . 0 | . 0 |
| 15 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 4.5 | . 0 | . 2 | . 2 | . 0 | . 0 |
| 16 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 |
| 17 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 7.7 | . 0 | 4.2 |
| 18 | 1.3 | . 0 | . 1 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 9.0 | 6.6 | 7.5 |
| 19 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 7.4 | 5.5 | 6.8 |
| 20 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 7.0 | 2.8 | 5.2 |
| 21 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | -- | --- | -- | 6.7 | 2.6 | 4.3 |
| 22 | . 0 | . 0 | . 0 | 1.6 | . 0 | . 1 | --- | --- | --- | 6.1 | . 0 | 1.3 |
| 23 | . 0 | . 0 | . 0 | 1.5 | . 0 | . 1 | 4.4 | . 0 | 2.7 | 7.9 | . 0 | 6.5 |
| 24 | . 0 | . 0 | . 0 | 4.7 | . 0 | 2.6 | 2.6 | . 0 | . 9 | 7.5 | 1.0 | 4.0 |
| 25 | . 0 | . 0 | . 0 | 6.0 | . 0 | 3.8 | . 3 | . 0 | . 0 | 4.7 | . 0 | 1.6 |
| 26 | . 0 | . 0 | . 0 | 4.7 | 3.8 | 4.3 | . 0 | . 0 | . 0 | 3.8 | . 0 | . 9 |
| 27 | . 0 | . 0 | . 0 | 4.3 | . 0 | 2.3 | . 0 | . 0 | . 0 | 3.7 | . 0 | 1.3 |
| 28 | . 0 | . 0 | . 0 | 1.8 | . 0 | . 0 | . 0 | . 0 | . 0 | 5.8 | . 0 | 2.3 |
| 29 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 2.9 | . 0 | . 6 | 4.9 | . 0 | 2.1 |
| 30 | . 0 | . 0 | . 0 | . 0 | . 0 | . 0 | 6.1 | . 0 | 3.7 | 6.5 | 2.9 | 5.5 |
| 31 | -- | --- | - | 3.3 | . 0 | . 1 | 6.3 | 4.6 | 5.5 | --- | --- | --- |
| MONTH | 1.9 | . 0 | . 0 | 6.0 | . 0 | . 4 | 6.3 | . 0 | . 5 | 9.0 | . 0 | 2.5 |
| YEAR | 11.9 | . 0 | 3.1 |  |  |  |  |  |  |  |  |  |

