PERIOD OF RECORD.--Water years 1999 to current year.
PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: April 1999 to current year.
pH: April 1999 to September 2002.
WATER TEMPERATURE: April 1999 to current year.
DISSOLVED OXYGEN: April 1999 to September 2002.
DISSOLVED OXYGEN, PERCENT SATURATION: April 1999 to September 2002.
INSTRUMENTATION.-- Water-quality monitor with radio telemetry.
REMARKS.--Station operated in cooperation with Mecklenburg County Department of Environmental Protection to characterize water-quality conditions in Briar Creek basin. Dissolved oxygen, percent saturation, computed using barometric pressure of 740 mm Hg . Water-quality data deleted during periods of zero flow, Oct. 5, 16, Nov. 6-10, June 21-26, 28-30, July 1-3, 5-13, 21-24, 27-31, Aug. 1-15, 19-24, 30-31, Sept. 8-14, 23-25.

EXTREMES FOR PERIOD OF DAILY RECORD.--Extremes listed below may have been exceeded during periods of missing record.

| CONSTITUENT | MAXIMUM RECORDED | MINIMUM RECORDED |
| :--- | :--- | :--- |
| SPECIFIC CONDUCTANCE, microsiemens | 1600, January 4, 2002 | 15, August 2, 2002 |
| pH, standard units | 9.3 , August 8, 1999 | 5.7, April 27, 1999, August 2, 2002 |
| WATER TEMPERATURE, ${ }^{\circ} \mathrm{C}$ | 35.2, July 21, 2002 | 0.2, January 28, 2000, January 3-4, 2001 |
| DISSOLVED OXYGEN, mg/L | 17.3, February 23, 2002 | 0.1, November 15, 2001 |
| DISSOLVED OXYGEN, PERCENT <br> SATURATION,\% | 200, April 25, 1999 | 0, November 15, 2001 |

EXTREMES FOR CURRENT YEAR.--Extremes listed below may have been exceeded during periods of missing record.

| CONSTITUENT | MAXIMUM RECORDED | MINIMUM RECORDED |
| :--- | :--- | :--- |
| SPECIFIC CONDUCTANCE, microsiemens | 1600, January 4 | 15, August 2 |
| pH, standard units | 9.1, February 23, 26 | 5.7, August 2 |
| WATER TEMPERATURE, ${ }^{\circ} \mathrm{C}$ | 35.2, July 21 | 0.4, January 3 |
| DISSOLVED OXYGEN, mg/L | 17.3, February 23 | 0.1, November 15 |
| DISSOLVED OXYGEN, PERCENT <br> SATURATION, $\%$ | 163, February 21 | 0, November 15 |

0214642825 BRIAR CREEK NEAR CHARLOTTE, NC--Continued
SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002


0214642825 BRIAR CREEK NEAR CHARLOTTE, NC--Continued
SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  |  | JULY |  |  | GUST |  |  | SEPTEMBER |  |
| 1 | 136 | 108 | 127 | --- | --- | --- | 55 | 50 | 53 | --- | --- | --- |
| 2 | 143 | 123 | 134 | --- | --- | --- | 77 | 15 | 51 | --- | - | -- |
| 3 | 146 | 140 | 143 | -- | -- | -- | --- | --- | --- | 93 | 89 | 92 |
| 4 | 148 | 125 | 143 | 101 | 87 | 93 | --- | --- | --- | 90 | 85 | 88 |
| 5 | 149 | 124 | 146 | --- | --- | --- | --- | --- | --- | 87 | 84 | 86 |
| 6 | 154 | 109 | 149 | --- | --- | --- | --- | --- | --- | 85 | 80 | 82 |
| 7 | 114 | 97 | 104 | --- | --- | --- | --- | --- | --- | 80 | 76 | 78 |
| 8 | 126 | 114 | 120 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | 136 | 126 | 131 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | 142 | 136 | 138 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | 144 | 138 | 142 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 146 | 140 | 143 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | 149 | 143 | 145 | -- | -- | -- | --- | --- | --- | --- | --- | --- |
| 14 | 151 | 143 | 148 | 83 | 50 | 67 | -- | --- | --- | --- | --- | -- |
| 15 | 155 | 144 | 149 | 92 | 80 | 83 | -- | --- | --- | 81 | 43 | 53 |
| 16 | 153 | 145 | 148 | 92 | 84 | 88 | 85 | 26 | 74 | 80 | 44 | 63 |
| 17 | 151 | 146 | 149 | 98 | 83 | 88 | 72 | 27 | 60 | 96 | 79 | 86 |
| 18 | 154 | 149 | 151 | 93 | 81 | 87 | --- | --- | --- | 100 | 94 | 97 |
| 19 | 170 | 152 | 166 | --- | --- | --- | --- | --- | --- | 100 | 92 | 96 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 101 | 98 | 100 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | --- | --- | --- | 77 | 47 | 68 | 100 | 62 | 71 | --- | --- | --- |
| 26 | --- | --- | --- | 83 | 67 | 77 | 90 | 80 | 85 | -- | --- | --- |
| 27 | 123 | 114 | 118 | 84 | 79 | 82 | 136 | 80 | 89 | 87 | 73 | 79 |
| 28 | --- | --- | --- | 84 | 72 | 78 | --- | --- | --- | 101 | 80 | 92 |
| 29 | --- | --- | --- | 76 | 64 | 71 | --- | --- | --- | --- | --- | -- |
| 30 | -- | --- | --- | 68 | 56 | 62 | -- | --- | --- | --- | --- | --- |
| 31 | --- | -- | --- | 59 | 52 | 56 | --- | --- | --- | --- | --- | - |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | OCTOBER |  |  | EMBER |  |  | EMBER |  |  | JANUARY |  |
| 1 | 7.1 | 6.9 | 7.0 | 7.0 | 6.8 | 6.9 | 7.2 | 7.0 | 7.1 | 7.5 | 7.3 | 7.4 |
| 2 | 7.3 | 7.0 | 7.1 | 7.0 | 6.8 | 6.9 | 7.2 | 7.1 | 7.2 | 7.5 | 7.3 | 7.4 |
| 3 | 7.3 | 7.2 | 7.2 | 6.8 | 6.7 | 6.7 | 7.3 | 7.1 | 7.2 | 7.5 | 7.3 | 7.4 |
| 4 | 7.4 | 7.2 | 7.3 | 6.8 | 6.7 | 6.8 | 7.3 | 7.2 | 7.2 | 7.3 | 7.1 | 7.2 |
| 5 | --- |  | --- | 6.8 | 6.8 | 6.8 | 7.3 | 7.2 | 7.2 | 7.3 | 7.1 | 7.2 |
| 6 | 7.1 | 6.7 | 6.8 | --- | --- | --- | 7.3 | 7.1 | 7.2 | 7.3 | 6.9 | 7.1 |
| 7 | 6.8 | 6.7 | 6.7 | --- | --- | --- | 7.2 | 7.0 | 7.1 | 7.1 | 7.0 | 7.1 |
| 8 | 6.8 | 6.7 | 6.8 | --- | --- | --- | 7.2 | 7.0 | 7.1 | 7.2 | 7.1 | 7.2 |
| 9 | 6.9 | 6.8 | 6.8 | - | --- | - | 7.2 | 7.0 | 7.1 | 7.3 | 7.2 | 7.2 |
| 10 | 7.0 | 6.9 | 6.9 | 6.5 | 6.4 | 6.5 | 7.2 | 6.7 | 7.0 | 7.3 | 7.2 | 7.2 |
| 11 | 7.1 | 6.9 | 7.0 | 6.6 | 6.4 | 6.5 | 6.9 | 6.8 | 6.8 | 7.4 | 7.2 | 7.3 |
| 12 | 7.1 | 7.0 | 7.0 | 6.5 | 6.5 | 6.5 | 7.0 | 6.9 | 7.0 | 7.4 | 7.2 | 7.3 |
| 13 | 7.1 | 7.0 | 7.0 | 6.5 | 6.3 | 6.4 | 7.1 | 6.9 | 7.0 | 7.3 | 7.2 | 7.2 |
| 14 | 7.1 | 6.9 | 7.0 | 6.4 | 6.3 | 6.3 | 7.0 | 6.9 | 6.9 | 7.3 | 7.2 | 7.2 |
| 15 | 6.9 | 6.8 | 6.8 | 6.6 | 6.3 | 6.5 | 7.0 | 6.9 | 7.0 | 7.3 | 7.2 | 7.3 |
| 16 | --- | --- | --- | 6.8 | 6.6 | 6.7 | 7.1 | 7.0 | 7.0 | 7.5 | 7.2 | 7.3 |
| 17 | 7.1 | 6.9 | 7.0 | 6.8 | 6.7 | 6.7 | 7.1 | 6.8 | 7.0 | 7.5 | 7.3 | 7.4 |
| 18 | 7.1 | 7.0 | 7.0 | 6.8 | 6.7 | 6.8 | 6.9 | 6.7 | 6.8 | 7.5 | 7.2 | 7.3 |
| 19 | 7.1 | 7.0 | 7.0 | 6.9 | 6.8 | 6.8 | 7.1 | 6.9 | 7.0 | 7.4 | 6.7 | 7.1 |
| 20 | 7.0 | 7.0 | 7.0 | 6.9 | 6.8 | 6.9 | 7.2 | 7.0 | 7.1 | 7.0 | 6.8 | 6.9 |
| 21 | 7.0 | 7.0 | 7.0 | 7.0 | 6.8 | 6.9 | 7.2 | 7.1 | 7.1 | 7.0 | 6.9 | 7.0 |
| 22 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | 7.0 | 7.2 | 7.1 | 7.2 | 7.0 | 6.9 | 7.0 |
| 23 | 7.1 | 7.0 | 7.0 | 7.1 | 7.0 | 7.0 | 7.2 | 7.0 | 7.1 | 7.1 | 6.7 | 6.9 |
| 24 | 7.0 | 6.9 | 7.0 | 7.1 | 6.7 | 6.8 | 7.2 | 7.0 | 7.1 | 7.1 | 7.0 | 7.0 |
| 25 | 7.1 | 6.7 | 6.8 | 6.9 | 6.8 | 6.8 | 7.2 | 7.1 | 7.1 | 7.0 | 6.9 | 7.0 |
| 26 | 6.9 | 6.8 | 6.8 | 6.9 | 6.8 | 6.9 | 7.2 | 7.0 | 7.0 | 7.0 | 6.9 | 6.9 |
| 27 | 6.9 | 6.8 | 6.8 | 7.0 | 6.9 | 6.9 | 7.2 | 7.0 | 7.1 | 7.0 | 6.9 | 7.0 |
| 28 | 6.9 | 6.8 | 6.9 | 7.1 | 6.9 | 7.0 | 7.2 | 7.1 | 7.2 | 7.0 | 6.9 | 6.9 |
| 29 | 6.9 | 6.6 | 6.8 | 7.1 | 7.0 | 7.1 | 7.2 | 7.1 | 7.2 | 7.0 | 6.9 | 6.9 |
| 30 | 6.8 | 6.6 | 6.7 | 7.1 | 7.0 | 7.1 | 7.2 | 7.0 | 7.1 | 7.1 | 6.9 | 7.0 |
| 31 | 6.9 | 6.7 | 6.8 | --- | --- | --- | 7.5 | 7.1 | 7.3 | 7.2 | 7.0 | 7.1 |
| MONTH | --- | --- | --- | --- | --- | --- | 7.5 | 6.7 | 7.1 | 7.5 | 6.7 | 7.1 |

0214642825 BRIAR CREEK NEAR CHARLOTTE, NC--Continued
PH, WATER, WHOLE, FIELD, STANDARD UNITS, 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 | 7.2 | 7.0 | 7.1 | 8.7 | 7.2 | 7.7 | 7.3 | 6.8 | 7.0 | 7.4 | 7.0 | 7.1 |
| 2 | 7.3 | 7.0 | 7.2 | 8.2 | 6.7 | 7.2 | 7.5 | 7.0 | 7.2 | 7.6 | 6.9 | 7.1 |
| 3 | 7.3 | 7.1 | 7.2 | 6.9 | 6.7 | 6.8 | 8.0 | 7.0 | 7.3 | 7.4 | 6.9 | 7.1 |
| 4 | 7.4 | 7.1 | 7.3 | 7.2 | 6.9 | 7.0 | 8.1 | 7.1 | 7.4 | 7.1 | 6.9 | 7.0 |
| 5 | 7.4 | 7.2 | 7.3 | 7.2 | 7.0 | 7.1 | 8.2 | 7.2 | 7.5 | 7.2 | 6.9 | 7.0 |
| 6 | 7.4 | 7.0 | 7.3 | 7.4 | 7.1 | 7.2 | 8.2 | 7.2 | 7.6 | 7.4 | 6.9 | 7.1 |
| 7 | 7.0 | 6.8 | 6.9 | 7.4 | 7.0 | 7.2 | 8.3 | 7.3 | 7.6 | 7.6 | 6.9 | 7.2 |
| 8 | 7.0 | 6.8 | 6.9 | 7.6 | 6.9 | 7.1 | 8.5 | 7.3 | 7.7 | 7.6 | 7.0 | 7.2 |
| 9 | 7.0 | 6.9 | 7.0 | 8.1 | 6.9 | 7.3 | 8.0 | 7.2 | 7.5 | 7.6 | 6.9 | 7.2 |
| 10 | 7.1 | 6.7 | 6.9 | 8.3 | 6.9 | 7.3 | 8.0 | 7.2 | 7.4 | 7.4 | 7.0 | 7.1 |
| 11 | 7.1 | 6.7 | 6.9 | 8.4 | 7.0 | 7.4 | 8.4 | 7.2 | 7.5 | 7.2 | 6.9 | 7.1 |
| 12 | 7.2 | 6.9 | 7.0 | 7.3 | 6.7 | 6.9 | 7.4 | 7.1 | 7.2 | 7.4 | 6.8 | 7.0 |
| 13 | 7.3 | 6.9 | 7.1 | 6.8 | 6.7 | 6.8 | 7.9 | 7.1 | 7.3 | 7.5 | 6.7 | 7.0 |
| 14 | 7.4 | 7.0 | 7.1 | 7.2 | 6.8 | 7.0 | 8.0 | 7.0 | 7.3 | 6.9 | 6.6 | 6.7 |
| 15 | 7.6 | 7.0 | 7.2 | 7.7 | 7.0 | 7.2 | 7.8 | 7.0 | 7.2 | 7.1 | 6.8 | 6.9 |
| 16 | 7.8 | 7.0 | 7.3 | 8.2 | 7.0 | 7.4 | 8.1 | 7.0 | 7.3 | 7.2 | 6.8 | 7.0 |
| 17 | 8.0 | 7.0 | 7.4 | 7.2 | 6.7 | 6.9 | 8.1 | 7.0 | 7.3 | 7.3 | 6.8 | 7.0 |
| 18 | 8.0 | 7.2 | 7.5 | 7.1 | 6.8 | 7.0 | 8.1 | 7.0 | 7.3 | 7.0 | 6.7 | 6.8 |
| 19 | 8.1 | 7.2 | 7.5 | 7.3 | 7.0 | 7.1 | 8.1 | 6.9 | 7.3 | 7.1 | 6.7 | 6.9 |
| 20 | 8.3 | 7.2 | 7.5 | 7.4 | 7.2 | 7.2 | 7.8 | 6.9 | 7.1 | --- | --- | --- |
| 21 | 8.8 | 7.1 | 7.7 | 7.2 | 7.0 | 7.1 | 7.7 | 6.8 | 7.1 | --- | --- | --- |
| 22 | 8.9 | 7.1 | 7.8 | 7.3 | 7.1 | 7.2 | 7.4 | 6.9 | 7.1 | 7.5 | 7.0 | 7.2 |
| 23 | 9.1 | 7.1 | 7.9 | 7.4 | 7.2 | 7.3 | 7.5 | 6.9 | 7.1 | 7.6 | 7.1 | 7.3 |
| 24 | 8.9 | 7.2 | 7.8 | 7.6 | 7.2 | 7.4 | 7.6 | 6.9 | 7.1 | 7.6 | 7.0 | 7.3 |
| 25 | 8.9 | 7.1 | 7.8 | 7.8 | 7.4 | 7.5 | 7.0 | 6.8 | 6.9 | 7.6 | 7.0 | 7.2 |
| 26 | 9.1 | 7.1 | 7.9 | 7.9 | 7.1 | 7.5 | 7.3 | 6.8 | 7.0 | 7.8 | 7.0 | 7.3 |
| 27 | 8.9 | 7.2 | 7.8 | 7.9 | 7.0 | 7.3 | 7.5 | 6.9 | 7.1 | 7.7 | 7.0 | 7.3 |
| 28 | 8.4 | 7.1 | 7.6 | 8.2 | 7.1 | 7.4 | 7.5 | 6.9 | 7.1 | 7.6 | 7.0 | 7.2 |
| 29 | --- | --- | --- | 8.4 | 7.1 | 7.5 | 7.4 | 6.9 | 7.1 | 7.6 | 7.0 | 7.3 |
| 30 | --- | --- | --- | 7.4 | 7.0 | 7.2 | 7.6 | 7.0 | 7.2 | 7.4 | 6.7 | 7.0 |
| 31 | --- | --- | --- | 7.4 | 6.8 | 7.1 | --- | --- | --- | 6.9 | 6.7 | 6.8 |
| MONTH | 9.1 | 6.7 | 7.4 | 8.7 | 6.7 | 7.2 | 8.5 | 6.8 | 7.3 | --- | --- | --- |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 7.1 | 6.7 | 6.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 7.2 | 6.8 | 7.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 7.4 | 6.8 | 7.0 | --- | --- | --- | --- | --- | --- | 6.5 | 6.3 | 6.4 |
| 4 | 7.3 | 6.8 | 7.0 | 6.8 | 6.2 | 6.4 | --- | --- | --- | 6.7 | 6.3 | 6.4 |
| 5 | 7.4 | 6.9 | 7.1 | --- | --- | --- | --- | --- | --- | 7.0 | 6.6 | 6.7 |
| 6 | 7.3 | 6.9 | 7.1 | --- | --- | --- | --- | --- | --- | 7.0 | 6.7 | 6.9 |
| 7 | 7.8 | 6.7 | 7.0 | --- | --- | --- | --- | --- | --- | 7.1 | 6.8 | 7.0 |
| 8 | 8.1 | 6.9 | 7.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | 7.7 | 7.0 | 7.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | 8.5 | 7.1 | 7.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | 7.9 | 7.3 | 7.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 8.3 | 7.2 | 7.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | 8.2 | 7.2 | 7.6 | --- | -- | -- | --- | --- | --- | --- | --- | --- |
| 14 | 8.7 | 7.2 | 7.7 | 6.6 | 6.2 | 6.4 | --- | --- | --- | --- | --- | --- |
| 15 | 8.7 | 7.2 | 7.8 | 6.7 | 6.4 | 6.5 | --- | - | --- | 7.1 | 6.6 | 6.9 |
| 16 | 8.4 | 7.4 | 7.8 | 6.9 | 6.6 | 6.7 | --- | - | --- | 7.0 | 6.8 | 6.9 |
| 17 | 8.3 | 7.2 | 7.7 | 7.2 | 6.7 | 6.8 | 6.4 | 5.9 | 6.3 | 7.3 | 7.0 | 7.2 |
| 18 | 8.2 | 7.2 | 7.5 | 7.4 | 6.8 | 7.0 | -- | - | - | 7.4 | 7.1 | 7.3 |
| 19 | 8.3 | 7.0 | 7.4 | --- | --- |  | --- | --- | --- | 7.5 | 7.3 | 7.4 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 7.4 | 7.2 | 7.3 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | -- | - | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | --- | --- | - | --- | --- | --- | -- | -- | -- | --- | -- | --- |
| 24 | --- | - | - | --- | --- | -- | --- | - | - | --- | --- | --- |
| 25 | --- | --- | --- | 6.6 | 6.3 | 6.4 | 6.7 | 6.2 | 6.4 | --- | --- | --- |
| 26 | --- | --- | --- | 6.7 | 6.5 | 6.6 | 6.7 | 6.4 | 6.5 | --- | -- | - |
| 27 | 7.8 | 6.7 | 7.1 | --- | --- | --- | 6.9 | 6.6 | 6.7 | 7.0 | 6.8 | 6.9 |
| 28 | --- | -- | --- | - | --- | --- | --- | --- | - | 7.1 | 6.8 | 7.0 |
| 29 | --- | --- | --- | --- | --- | --- | --- | -- | -- | - | -- | --- |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | --- | -- | --- | --- | - | -- | --- | -- | - | --- | --- | --- |
| MONTH | --- | --- | --- | --- | --- | --- | --- | -- | -- | -- | -- | --- |

0214642825 BRIAR CREEK NEAR CHARLOTTE, 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 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 19.3 | 13.7 | 16.6 | 15.1 | 10.2 | 12.6 | 18.6 | 14.5 | 15.9 | 6.5 | 2.7 | 4.5 |
| 2 | 21.2 | 14.5 | 17.6 | 16.5 | 12.3 | 14.3 | 15.9 | 11.9 | 13.7 | 3.6 | 1.3 | 2.2 |
| 3 | 22.2 | 15.6 | 18.7 | 19.5 | 14.9 | 16.7 | 14.3 | 9.5 | 11.6 | 1.4 | 0.4 | 0.9 |
| 4 | 22.4 | 16.4 | 19.2 | 18.5 | 13.9 | 15.9 | 13.6 | 7.3 | 10.3 | 3.9 | 0.5 | 1.9 |
| 5 | --- | --- | --- | 16.3 | 11.9 | 13.8 | 14.6 | 7.8 | 10.9 | 5.1 | 0.6 | 2.5 |
| 6 | 19.7 | 16.3 | 18.6 | - | - | -- | 15.9 | 9.7 | 12.6 | 4.0 | 2.0 | 2.9 |
| 7 | 18.1 | 13.8 | 15.7 | --- | --- | --- | 16.8 | 11.4 | 13.8 | 5.9 | 2.5 | 4.0 |
| 8 | 16.6 | 11.9 | 14.3 | --- | --- | --- | 17.1 | 13.0 | 14.9 | 6.1 | 1.6 | 3.6 |
| 9 | 16.7 | 11.3 | 13.9 | --- | --- | --- | 14.8 | 12.1 | 13.5 | 7.2 | 1.6 | 4.1 |
| 10 | 17.0 | 12.0 | 14.4 | 16.5 | 8.9 | 12.4 | 12.1 | 8.6 | 10.1 | 10.2 | 4.2 | 6.8 |
| 11 | 18.2 | 13.6 | 15.7 | 15.7 | 9.3 | 12.2 | 11.5 | 8.7 | 10.1 | 12.3 | 7.8 | 9.4 |
| 12 | 18.9 | 15.9 | 17.3 | 14.3 | 9.2 | 11.3 | 11.7 | 10.7 | 11.2 | 7.8 | 4.6 | 6.5 |
| 13 | 20.6 | 16.1 | 18.3 | 12.9 | 7.7 | 10 | 13.1 | 11.5 | 12.2 | 9.6 | 4.9 | 6.8 |
| 14 | 20.3 | 17.9 | 18.6 | 12.5 | 7.8 | 9.8 | 15.8 | 12.8 | 14.2 | 6.2 | 3.4 | 4.9 |
| 15 | 20.6 | 16.1 | 18.2 | 15.2 | 8.7 | 11.1 | 15.2 | 11.1 | 13.1 | 9.9 | 3.9 | 6.4 |
| 16 | --- | --- | --- | 16.4 | 7.9 | 11.6 | 12.7 | 8.7 | 10.4 | 7.4 | 3.5 | 5.5 |
| 17 | 17.7 | 12.5 | 14.9 | 16.8 | 9.7 | 12.7 | 13.5 | 9.7 | 11.4 | 8.8 | 3.2 | 5.8 |
| 18 | 16.9 | 11.3 | 14.0 | 15.8 | 10.0 | 12.4 | 14.9 | 10.5 | 12.7 | 11.3 | 6.7 | 8.3 |
| 19 | 17.8 | 11.1 | 14.2 | 16.7 | 10.6 | 13.2 | 12.2 | 8.0 | 9.9 | 7.8 | 4.7 | 5.9 |
| 20 | 19.3 | 12.9 | 15.7 | 14.2 | 11.1 | 12.6 | 11.2 | 6.8 | 8.7 | 8.0 | 4.2 | 5.9 |
| 21 | 20.4 | 13.9 | 16.8 | 12.9 | 8.1 | 10.2 | 9.5 | 4.2 | 6.6 | 7.9 | 5.6 | 6.5 |
| 22 | 21.8 | 15.9 | 18.5 | 12.2 | 6.5 | 9.4 | 8.8 | 3.6 | 5.9 | 9.3 | 3.8 | 6.5 |
| 23 | 23.2 | 17.4 | 19.8 | 12.8 | 7.7 | 10.2 | 10.1 | 4.5 | 6.9 | 8.6 | 6.5 | 7.5 |
| 24 | 22.0 | 17.8 | 19.7 | 14.6 | 11.0 | 13.2 | 12.4 | 7.2 | 10.0 | 11.4 | 8.6 | 10.2 |
| 25 | 20.7 | 16.7 | 18.9 | 18.0 | 14.1 | 16.0 | 8.1 | 4.2 | 6.3 | 11.1 | 7.4 | 10.1 |
| 26 | 18.1 | 13.6 | 15.5 | 19.7 | 14.4 | 16.3 | 8.7 | 4.1 | 5.9 | 10.1 | 4.8 | 7.3 |
| 27 | 13.6 | 10.4 | 12.0 | 18.8 | 13.8 | 16.0 | 6.6 | 1.8 | 4.1 | 11.1 | 4.9 | 7.9 |
| 28 | 14.1 | 8.2 | 10.8 | 18.8 | 14.0 | 16.2 | 7.4 | 2.4 | 4.7 | 13.3 | 8.6 | 10.4 |
| 29 | 14.7 | 7.9 | 10.9 | 18.8 | 14.4 | 16.4 | 10.0 | 5.0 | 6.9 | 14.9 | 8.7 | 11.6 |
| 30 | 14.5 | 8.4 | 11.2 | 17.1 | 16.2 | 16.7 | 7.9 | 3.9 | 5.7 | 17.1 | 10.9 | 13.7 |
| 31 | 14.6 | 8.9 | 11.7 | --- | --- | --- | 5.8 | 3.2 | 4.6 | 16.9 | 12.6 | 14.5 |
| MONTH | --- | --- | --- | --- | --- | --- | 18.6 | 1.8 | 10.0 | 17.1 | 0.4 | 6.6 |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 17.1 | 13.9 | 15.6 | 10.7 | 2.4 | 6.5 | 21.2 | 13.1 | 16.2 | 23.2 | 17.2 | 20.0 |
| 2 | 13.9 | 8.4 | 11.3 | 8.6 | 5.9 | 7.2 | 22.2 | 12.0 | 16.6 | 25.6 | 19.4 | 21.9 |
| 3 | 8.4 | 6.6 | 7.6 | 10.8 | 8.0 | 9.2 | 24.6 | 15.1 | 18.9 | 22.4 | 18.7 | 20.7 |
| 4 | 10.3 | 5.2 | 7.4 | 10.7 | 5.5 | 7.6 | 19.8 | 12.3 | 15.5 | 18.7 | 14.4 | 15.9 |
| 5 | 7.4 | 2.5 | 5.1 | 10.8 | 2.5 | 6.4 | 19.7 | 10.2 | 14.2 | 22.9 | 13.7 | 17.1 |
| 6 | 6.6 | 4.7 | 5.7 | 12.8 | 4.3 | 8.2 | 18.6 | 10.2 | 13.7 | 24.6 | 14.8 | 19.0 |
| 7 | 7.4 | 5.5 | 6.4 | 14.9 | 6.2 | 10.1 | 18.9 | 8.8 | 13.2 | 27.0 | 17.4 | 21.6 |
| 8 | 11.1 | 5.2 | 7.9 | 16.6 | 7.6 | 11.8 | 20.4 | 11.2 | 15.3 | 27.2 | 19.9 | 23.3 |
| 9 | 11.9 | 5.1 | 8.3 | 17.0 | 11.8 | 14.1 | 18.2 | 14.8 | 16.6 | 28.0 | 21.2 | 24.1 |
| 10 | 10.3 | 8.3 | 9.3 | 17.0 | 10.9 | 13.6 | 22.6 | 15.8 | 18.0 | 24.9 | 20.7 | 22.7 |
| 11 | 12.5 | 7.6 | 9.7 | 14.8 | 7.2 | 10.7 | 23.7 | 15.6 | 18.9 | 22.2 | 19.1 | 20.6 |
| 12 | 11.4 | 4.8 | 7.9 | 10.8 | 9.6 | 10.2 | 17.9 | 16.0 | 16.5 | 26.5 | 18.6 | 21.9 |
| 13 | 11.1 | 5.8 | 8.3 | 11.9 | 10.4 | 11.0 | 20.4 | 15.6 | 17.8 | 25.8 | 20.4 | 22.4 |
| 14 | 11.5 | 5.5 | 8.1 | 18.4 | 10.0 | 13.7 | 22.8 | 15.7 | 19.1 | 24.2 | 17.0 | 19.8 |
| 15 | 12.2 | 5.5 | 8.6 | 21.0 | 12.8 | 16.3 | 25.0 | 17.6 | 20.7 | 24.0 | 14.8 | 18.9 |
| 16 | 14.2 | 8.0 | 10.5 | 20.3 | 14.2 | 17.1 | 27.9 | 17.9 | 22.2 | 25.2 | 15.9 | 20.1 |
| 17 | 11.1 | 6.8 | 8.8 | 17.2 | 12.0 | 14.6 | 28.2 | 19.2 | 23.0 | 26.6 | 18.2 | 21.8 |
| 18 | 10.9 | 4.0 | 7.1 | 14.7 | 10.7 | 12.3 | 28.5 | 19.4 | 23.1 | 22.2 | 16.2 | 19.9 |
| 19 | 11.1 | 4.2 | 7.5 | 15.0 | 11.6 | 13.2 | 27.8 | 20.1 | 23.5 | 20.8 | 13.7 | 16.5 |
| 20 | 12.2 | 8.4 | 10.4 | 15.8 | 12.4 | 13.9 | 27.3 | 20.5 | 23.2 | --- | - | --- |
| 21 | 16.6 | 10.8 | 13.0 | 15.2 | 12.3 | 13.7 | 28.5 | 20.3 | 23.8 | -- | -- | --- |
| 22 | 12.8 | 8.5 | 10.9 | 15.3 | 8.3 | 11.3 | 25.4 | 19.6 | 22.4 | 20.3 | 11.9 | 15.4 |
| 23 | 11.3 | 7.7 | 9.4 | 15.4 | 6.0 | 10.2 | 23.9 | 16.3 | 19.5 | 22.0 | 12.2 | 16.5 |
| 24 | 13.1 | 5.5 | 8.9 | 17.5 | 7.5 | 12.0 | 21.6 | 14.5 | 17.9 | 24.6 | 14.3 | 18.8 |
| 25 | 13.8 | 5.7 | 9.5 | 20.6 | 10.8 | 15.2 | 24.4 | 17.1 | 20.0 | 26.0 | 17.1 | 20.9 |
| 26 | 14.8 | 8.2 | 10.9 | 19.7 | 14.3 | 16.7 | 19.0 | 14.8 | 16.9 | 26.8 | 18.4 | 22.2 |
| 27 | 11.0 | 5.5 | 8.5 | 21.5 | 13.6 | 16.7 | 21.7 | 14.9 | 17.6 | 27.3 | 19.9 | 22.9 |
| 28 | 9.6 | 3.1 | 5.9 | 17.8 | 9.8 | 13.2 | 23.4 | 17.7 | 20.1 | 27.1 | 19.3 | 22.8 |
| 29 | --- | --- | --- | 20.1 | 10.7 | 14.6 | 26.6 | 18.9 | 21.8 | 27.1 | 20.3 | 23.4 |
| 30 | --- | --- | --- | 17.3 | 14.3 | 15.7 | 23.5 | 15.9 | 19.2 | 25.6 | 21.4 | 22.9 |
| 31 | --- | --- | --- | 17.8 | 14.4 | 15.9 | , | 15. | - | 28.4 | 21.1 | 24.0 |
| MONTH | 17.1 | 2.5 | 8.9 | 21.5 | 2.4 | 12.4 | 28.5 | 8.8 | 18.8 | --- | --- | --- |

0214642825 BRIAR CREEK NEAR CHARLOTTE, 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 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  |  | JULY |  |  | UGUST |  |  | SEPTEMBER |  |
| 1 | 30.0 | 21.7 | 25.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 29.9 | 22.1 | 25.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 30.7 | 23.4 | 26.4 | --- | --- | - | --- | --- | --- | 28.3 | 20.8 | 23.8 |
| 4 | 30.8 | 23.7 | 26.9 | 30.0 | 23.5 | 26.3 | --- | --- | --- | 29.6 | 22.0 | 25.3 |
| 5 | 31.4 | 24.2 | 27.5 | - | --- | --- | --- | -- | -- | 29.1 | 23.5 | 25.8 |
| 6 | 28.8 | 23.4 | 26.4 | --- | --- | --- | --- | --- | -- | 28.0 | 21.8 | 24.8 |
| 7 | 27.8 | 22.4 | 24.6 | - | - | - | --- | --- | --- | 27.1 | 22.2 | 24.6 |
| 8 | 27.8 | 20.6 | 23.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | 28.5 | 19.9 | 24.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | 29.5 | 20.6 | 24.7 | -- | --- | --- | --- | --- | --- | - | -- | --- |
| 11 | 30.2 | 21.7 | 25.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 31.4 | 23.4 | 27.1 | --- | --- | --- | --- | --- | --- | --- | --- | - |
| 13 | 31.3 | 24.4 | 27.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | 29.8 | 24.9 | 27.0 | 26.5 | 23.3 | 24.8 | --- | --- | --- | --- | - | - |
| 15 | 29.9 | 23.7 | 26.4 | 30.4 | 23.5 | 26.4 | --- | --- | --- | 23.1 | 22.1 | 22.6 |
| 16 | 29.2 | 22.3 | 25.8 | 32.0 | 24.4 | 28.1 | 30.8 | 24.2 | 26.5 | 26.5 | 22.6 | 24.0 |
| 17 | 29.0 | 22.9 | 25.7 | 32.4 | 25.6 | 29.0 | 28.8 | 24.0 | 25.6 | 25.5 | 22.6 | 24.0 |
| 18 | 27.2 | 22.8 | 25.0 | 32.3 | 26.7 | 29.5 | --- | --- | , | 25.1 | 22.9 | 23.8 |
| 19 | 28.8 | 21.2 | 24.9 | --- | --- | --- | --- | --- | --- | 25.6 | 22.4 | 23.8 |
| 20 | --- | --- | --- | --- | --- | -- | --- | --- | --- | 25.6 | 22.9 | 24.1 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | --- | - | --- | --- | --- | - | - | --- | --- | -- | - | - |
| 23 | - | - | --- | -- | -- | --- | --- | - | --- | --- | --- | --- |
| 24 | -- | --- | --- | --- | --- | --- | --- | --- | - | -- | --- | --- |
| 25 | -- | --- | --- | 28.4 | 24.8 | 26.0 | 29.4 | 24.1 | 25.8 | --- | --- | - |
| 26 | --- | --- | --- | 30.4 | 24.7 | 27.4 | 27.4 | 24.0 | 25.3 | --- | --- | --- |
| 27 | 31.1 | 24.1 | 27.2 | - | --- | --- | 24.4 | 23.0 | 23.6 | 23.8 | 20.9 | 22.4 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24.0 | 21.3 | 22.6 |
| 29 | - | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | --- | --- | --- | --- | --- | --- | -- | -- | -- | -- | --- | --- |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- |
| MONTH | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- | -- | --- |

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 | 8.1 | 6.4 | 7.2 | 6.0 | 4.5 | 5.0 | 5.8 | 4.3 | 4.9 | 12.4 | 9.9 | 11.0 |
| 2 | 7.7 | 6.7 | 7.1 | 7.6 | 5.3 | 6.1 | 6.8 | 4.4 | 5.5 | 12.8 | 10.8 | 11.6 |
| 3 | 7.9 | 6.1 | 6.8 | --- | --- | --- | 7.6 | 5.4 | 6.7 | 12.9 | 10.8 | 11.8 |
| 4 | 7.5 | 5.9 | 6.6 | --- | --- | --- | 8.4 | 6.9 | 7.6 | 12.4 | 10.5 | 11.4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 12.6 | 10.7 | 11.5 |
| 6 | 6.9 | 5.6 | 6.1 | --- | --- | --- | - | --- | --- | 11.7 | 10.5 | 11.0 |
| 7 | 6.4 | 5.2 | 5.7 | --- | --- | --- | 8.3 | 6.5 | 7.4 | 10.9 | 10.2 | 10.7 |
| 8 | 6.3 | 4.9 | 5.6 | --- | --- | --- | 7.8 | 6.2 | 7.0 | 11.6 | 10.2 | 11.0 |
| 9 | 6.7 | 5.1 | 5.8 | --- | --- | --- | 8.0 | 5.9 | 6.9 | 11.5 | 10.3 | 11.0 |
| 10 | 7.1 | 5.3 | 6.1 | 2.5 | 0.5 | 1.6 | 9.7 | 7.0 | 8.0 | 11.0 | 9.8 | 10.4 |
| 11 | 7.1 | 5.7 | 6.4 | 3.3 | 2.2 | 2.7 | 9.7 | 7.8 | 8.6 | 10.3 | 9.4 | 9.8 |
| 12 | 6.9 | 5.6 | 6.2 | 3.3 | 2.4 | 2.8 | 8.2 | 7.6 | 7.9 | 11.5 | 9.6 | 10.4 |
| 13 | 6.0 | 4.5 | 5.4 | 2.9 | 1.7 | 2.5 | 7.9 | 7.1 | 7.5 | 11.0 | 9.7 | 10.2 |
| 14 | 5.9 | 3.8 | 4.6 | 2.2 | 0.8 | 1.3 | 7.6 | 6.5 | 7.1 | 12.3 | 9.5 | 10.7 |
| 15 | 4.8 | 3.8 | 4.2 | 2.8 | 0.1 | 1.6 | 7.7 | 6.3 | 7.0 | 12.0 | 10.1 | 10.9 |
| 16 | --- | --- | - | 5.0 | 2.5 | 3.6 | 8.7 | 7.1 | 7.9 | 12.7 | 9.9 | 11.1 |
| 17 | 6.3 | 3.6 | 4.7 | 5.1 | 3.2 | 4.1 | 8.5 | 7.4 | 7.9 | 12.3 | 10.2 | 11.1 |
| 18 | 6.4 | 4.2 | 5.2 | 5.1 | 3.5 | 4.3 | 7.8 | 7.0 | 7.4 | 11.5 | 9.0 | 10.1 |
| 19 | 6.0 | 4.5 | 5.0 | 5.9 | 3.7 | 4.6 | 9.0 | 7.5 | 8.4 | --- | --- | --- |
| 20 | 4.7 | 3.6 | 4.2 | 5.8 | 3.7 | 4.6 | --- | --- | --- | --- | --- | --- |
| 21 | 4.5 | 2.8 | 3.6 | 6.1 | 3.6 | 4.8 | --- | --- | --- | --- | --- | --- |
| 22 | 3.6 | 2.6 | 3.1 | 6.6 | 4.7 | 5.5 | 11.6 | 10.1 | 10.7 | --- | --- | --- |
| 23 | 3.8 | 2.0 | 2.7 | 6.4 | 5.0 | 5.6 | 11.2 | 9.5 | 10.5 | --- | --- | --- |
| 24 | 2.5 | 0.9 | 1.8 | 6.1 | 3.6 | 4.6 | 10.0 | 8.6 | 9.2 | --- | --- | --- |
| 25 | 5.0 | 0.9 | 2.8 | 4.2 | 3.2 | 3.7 | 11.2 | 9.1 | 10.1 | 9.5 | 8.8 | 9.3 |
| 26 | 1.4 | 0.3 | 0.7 | 4.3 | 3.0 | 3.6 | 11.0 | 9.8 | 10.4 | 10.6 | 9.2 | 9.9 |
| 27 | 0.7 | 0.2 | 0.4 | 5.0 | 3.3 | 4.1 | 11.8 | 10.3 | 11.1 | 10.3 | 8.5 | 9.6 |
| 28 | 0.9 | 0.2 | 0.5 | 5.3 | 3.8 | 4.4 | 11.6 | 10.7 | 11.1 | 8.9 | 7.6 | 8.6 |
| 29 | 2.8 | 0.8 | 1.7 | 5.5 | 4.2 | 4.8 | 10.9 | 9.7 | 10.3 | 9.1 | 7.3 | 8.1 |
| 30 | 4.3 | 2.1 | 2.9 | 5.0 | 4.3 | 4.6 | 11.7 | 9.6 | 10.6 | 8.7 | 7.0 | 7.8 |
| 31 | 5.3 | 3.8 | 4.4 | --- | --- | --- | 12.1 | 10.5 | 11.2 | 8.9 | 6.8 | 7.7 |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

SANTEE RIVER BASIN
0214642825 BRIAR CREEK NEAR CHARLOTTE, 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 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 8.3 | 6.5 | 7.3 | 15.6 | 11.1 | 13.2 | --- | -- | --- | 9.2 | 3.7 | 6.2 |
| 2 | 10.1 | 6.8 | 8.4 | 13.2 | 9.8 | 10.6 | --- | --- | --- | 10.0 | 3.5 | 6.3 |
| 3 | 10.9 | 8.4 | 9.5 | 10.5 | 9.4 | 9.9 | 11.4 | 5.4 | 7.8 | 8.2 | 3.4 | 5.3 |
| 4 | 10.8 | 8.7 | 9.7 | 11.4 | 9.6 | 10.5 | 11.9 | 5.5 | 8.4 | 8.2 | 4.0 | 6.9 |
| 5 | 12.0 | 9.6 | 10.7 | 12.2 | 9.8 | 11.1 | 11.9 | 6.5 | 8.7 | 8.8 | 4.8 | 7.0 |
| 6 | 11.6 | 9.2 | 10.4 | 11.7 | 9.1 | 10.5 | 11.8 | 6.6 | 8.9 | 8.9 | 4.2 | 6.5 |
| 7 | 10.9 | 9.3 | 10.3 | 11.7 | 8.4 | 10.1 | 12.2 | 7.2 | 9.2 | 10.0 | 3.3 | 6.5 |
| 8 | 11.2 | 9.6 | 10.5 | 12.3 | 8.1 | 9.9 | 11.9 | 6.9 | 9.2 | 9.4 | 2.2 | 5.4 |
| 9 | 11.9 | 9.3 | 10.5 | 13.2 | 7.6 | 9.7 | --- | --- | --- | 9.3 | 2.0 | 5.1 |
| 10 | 10.4 | 8.6 | 9.5 | 14.3 | 6.7 | 9.9 | --- | --- | --- | 8.4 | 2.0 | 4.5 |
| 11 | 11.3 | 8.6 | 9.7 | 14.4 | 8.0 | 10.8 | --- | --- | --- | 8.5 | 2.6 | 5.7 |
| 12 | 11.7 | 8.9 | 10.2 | 9.9 | 8.0 | 8.7 | 9.1 | 4.9 | 6.7 | 9.4 | 3.2 | 5.8 |
| 13 | 12.2 | 8.7 | 10.2 | 8.9 | 7.9 | 8.5 | 11.2 | 4.6 | 7.1 | --- | --- | --- |
| 14 | 12.2 | 8.9 | 10.3 | 9.9 | 6.9 | 8.5 | 10.2 | 4.0 | 6.6 | --- | --- | --- |
| 15 | 12.3 | 8.8 | 10.4 | 11.1 | 6.6 | 8.5 | 9.0 | 3.2 | 5.3 | --- | --- | --- |
| 16 | 12.1 | 8.1 | 9.8 | 11.9 | 6.4 | 8.7 | 9.7 | 3.1 | 5.5 | 9.6 | 4.1 | 6.5 |
| 17 | 12.8 | 8.0 | 10.1 | 8.2 | 6.3 | 7.4 | 9.2 | 2.9 | 5.4 | 9.8 | 3.9 | 6.4 |
| 18 | 14.6 | 9.4 | 11.6 | 9.0 | 7.7 | 8.3 | 11.3 | 3.1 | 6.5 | 7.1 | 4.2 | 6.1 |
| 19 | 14.9 | 9.2 | 12.0 | 9.2 | 7.6 | 8.2 | 11.3 | 2.6 | 6.0 | 9.6 | 5.9 | 7.6 |
| 20 | 14.1 | 8.4 | 11.0 | --- | --- | --- | 10.4 | 2.5 | 5.5 | --- | --- | - |
| 21 | 15.6 | 7.2 | 10.7 | --- | --- | --- | 10.0 | 2.6 | 5.3 | --- | --- | --- |
| 22 | 16.7 | 7.5 | 11.3 | --- | --- | --- | 8.8 | 2.1 | 4.9 | 10.5 | 6.3 | 8.2 |
| 23 | 17.3 | 8.3 | 12.2 | --- | --- | --- | 10.5 | 3.3 | 6.4 | 10.2 | 5.7 | 7.6 |
| 24 | 16.4 | 9.2 | 12.3 | --- | --- | --- | 10.8 | 4.2 | 6.9 | 9.2 | 4.6 | 6.8 |
| 25 | 16.4 | 9.1 | 12.3 | --- | --- | --- | 7.6 | 3.2 | 5.5 | 8.6 | 3.9 | 6.1 |
| 26 | 15.7 | 8.5 | 11.8 | --- | -- | -- | 9.6 | 3.2 | 6.2 | 8.8 | 3.3 | 5.7 |
| 27 | 16.3 | 8.5 | 11.9 | 12.5 | 6.6 | 8.9 | 10.6 | 4.2 | 6.8 | 8.0 | 3.0 | 5.2 |
| 28 | 16.3 | 10.6 | 13.1 | 13.2 | 7.3 | 9.9 | 9.8 | 3.8 | 6.2 | 8.1 | 3.4 | 5.2 |
| 29 | --- | --- | --- | 12.8 | 7.2 | 9.8 | 9.4 | 3.1 | 5.6 | 6.5 | 2.1 | 4.1 |
| 30 | --- | --- | --- | 10.0 | 7.1 | 8.2 | 10.4 | 3.4 | 6.6 | 6.0 | 1.8 | 4.0 |
| 31 | --- | --- | --- | 10.9 | 7.1 | 8.2 | --- | --- | --- | 5.1 | 3.0 | 3.9 |
| MONTH | 17.3 | 6.5 | 10.6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 5.9 | 2.5 | 4.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 7.1 | 3.5 | 4.9 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | 7.6 | 3.6 | 5.3 | --- | --- | --- | --- | --- | --- | 5.6 | 4.9 | 5.2 |
| 4 | --- | --- | - | 7.5 | 3.4 | 5.2 | --- | --- | --- | 6.7 | 5.1 | 5.7 |
| 5 | 8.4 | 3.9 | 6.0 | --- | --- | --- | --- | --- | --- | 7.0 | 4.6 | 5.8 |
| 6 | 7.7 | 4.2 | 5.8 | --- | --- | --- | --- | --- | --- | 7.6 | 5.1 | 6.3 |
| 7 | 8.5 | 4.6 | 6.0 | --- | --- | --- | --- | --- | --- | 7.7 | 5.4 | 6.6 |
| 8 | 9.1 | 4.0 | 6.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | 9.0 | 5.0 | 6.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | 10.6 | 5.4 | 7.3 | --- | --- | --- | --- | --- | --- | --- | --- | - |
| 11 | 8.6 | 5.7 | 6.7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 7.0 | 3.8 | 5.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | 6.7 | 3.6 | 5.2 | -- | -- | --- | --- | --- | --- | --- | --- | --- |
| 14 | 7.9 | 3.7 | 5.5 | 6.2 | 3.3 | 4.5 | --- | --- | --- | --- | --- | --- |
| 15 | 8.6 | 3.9 | 6.1 | 5.1 | 3.6 | 4.2 | --- | --- | --- | --- | -- | - |
| 16 | - | - | - | --- | --- | --- | 7.1 | 3.0 | 4.8 | -- | --- | --- |
| 17 | --- | -- | -- | --- | --- | --- | 6.5 | 3.1 | 4.3 | --- | - | --- |
| 18 | --- | --- | --- | --- | --- | --- | 3.7 | 2.4 | 3.0 | --- | -- | - |
| 19 | 10.6 | 4.2 | 7.0 | --- | --- | --- | --- | --- | --- | 7.4 | 4.2 | 5.8 |
| 20 | --- | --- | --- | --- | --- | --- | --- | - | --- | 7.3 | 4.6 | 5.9 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | - | - | - | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | --- | --- | --- | -- | -- | -- | -- | -- | -- | - | - | --- |
| 24 | -- | --- | --- | --- | --- | --- | -- | -- | - | --- | --- | --- |
| 25 | --- | - | - | - | - | --- | 5.9 | 4.2 | 5.2 | - | --- | - |
| 26 | -- | --- | - | --- | --- | --- | 5.6 | 4.4 | 4.9 | -- | --- | --- |
| 27 | --- | --- | --- | --- | --- | --- | 5.7 | 3.2 | 5.0 | 7.0 | 5.6 | 6.3 |
| 28 | --- | - | --- | --- | -- | --- | --- | --- | --- | 7.4 | 5.3 | 6.2 |
| 29 | --- | --- | --- | - | --- | --- | --- | --- | --- | --- |  | --- |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MONTH | -- | --- | -- | --- | -- | --- | --- | -- | -- | -- | --- | --- |

0214642825 BRIAR CREEK NEAR CHARLOTTE, NC--Continued
OXYGEN DISSOLVED (\% OF SATURATION), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002


SANTEE RIVER BASIN
0214642825 BRIAR CREEK NEAR CHARLOTTE, NC--Continued OXYGEN DISSOLVED (\% OF SATURATION), 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 | 80 | 30 | 52 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 95 | 42 | 62 | --- | -- | --- | --- | --- | -- | --- | --- | --- |
| 3 | 104 | 44 | 69 | - | --- | --- | --- | --- | --- | 74 | 57 | 64 |
| 4 | --- | --- | --- | 102 | 42 | 67 | --- | --- | --- | 91 | 60 | 72 |
| 5 | 117 | 48 | 79 | --- | --- | --- | --- | --- | --- | 94 | 56 | 73 |
| 6 | 103 | 52 | 74 | - | - | --- | --- | -- | --- | 100 | 60 | 78 |
| 7 | 111 | 55 | 75 | --- | --- | --- | --- | --- | - | 99 | 64 | 82 |
| 8 | 119 | 46 | 75 | --- | - | --- | --- | -- | -- | --- | --- | --- |
| 9 | 120 | 57 | 84 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | 143 | 62 | 91 | --- | --- | --- | -- | -- | --- | --- | --- | -- |
| 11 | 116 | 67 | 85 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 97 | 46 | 71 | --- | --- | --- | -- | --- | --- | --- | - | --- |
| 13 | 93 | 44 | 69 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | 107 | 46 | 72 | 77 | 42 | 57 | --- | -- | -- | --- | --- | --- |
| 15 | 117 | 47 | 78 | 70 | 44 | 54 | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | 89 | 38 | 61 | --- | --- | --- |
| 17 | --- | --- | --- | --- | --- | --- | 80 | 40 | 54 | --- | -- | -- |
| 18 | --- | --- | --- | - | --- | --- | 47 | 31 | 39 | --- | --- | --- |
| 19 | 142 | 49 | 89 | --- | --- | --- | --- | --- | --- | 93 | 50 | 71 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 92 | 55 | 72 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | --- | --- | --- | -- | -- | --- | --- | --- | --- | --- | --- | --- |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | --- | --- | --- | -- | -- | --- | --- | --- | --- | --- | --- | --- |
| 25 | --- | --- | --- | --- | --- | --- | 77 | 53 | 66 | --- | --- | --- |
| 26 | --- | --- | - | - | --- | --- | 73 | 54 | 62 | --- | --- | --- |
| 27 | --- | --- | --- | --- | --- | --- | 70 | 39 | 61 | 85 | 65 | 75 |
| 28 | --- | - | --- | --- | --- | --- | -- | --- | --- | 91 | 63 | 74 |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | - |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | -- |

