

ALTAMAHA RIVER BASIN
2004 Water Year

02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA

LOCATION.—Lat 34°04'56", long 83°51'17" referenced to North American Datum (NAD) of 1927, Jackson-Barrow County line, Hydrologic Unit 03070101, at concrete box culvert on Bill Cheek Road.

DRAINAGE AREA.—1.31 square miles.

COOPERATION.—Gwinnett County Department of Public Utilities.

PERIOD OF RECORD.— June 1, 2001 to current year.

CONTINUOUS WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: June 1, 2001 to current year.

WATER TEMPERATURE: June 29, 2001 to current year.

TURBIDITY: June 29, 2001 to current year.

INSTRUMENTATION.— Satellite telemetry with a water-stage recorder and a continuous water-quality monitor.

REMARKS.— Records fair, except turbidity, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.—

SPECIFIC CONDUCTANCE: Maximum recorded, 184 microsiemens, June 10, 2003; minimum recorded, 13 microsiemens, September 17, 2004.

WATER TEMPERATURE: Maximum recorded, 25.6°C, July 30, 2002; minimum recorded, 0.6°C, January 4, 2002, January 24, 2003.

TURBIDITY: Maximum recorded, >2,200 NTU, on several days; minimum recorded, <2.0 NTU, on many days.

EXTREMES FOR CURRENT YEAR.—

SPECIFIC CONDUCTANCE: Maximum recorded, 95 microsiemens, November 5; minimum recorded, 13 microsiemens, September 17.

WATER TEMPERATURE: Maximum recorded, 24.4°C, July 18; minimum recorded, 3.2°C, December 21.

TURBIDITY: Maximum recorded, >2,200 NTU, on several days; minimum recorded, <5.0 NTU, on many days.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 1.31 CONTRIBUTING DRAINAGE AREA DATUM 885.00 NGVD29

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

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|---------|-----|------|----------|-----|------|----------|-----|------|---------|-----|------|
| | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
| 1 | 60 | 57 | 58 | 55 | 54 | 54 | 54 | 53 | 54 | 52 | 50 | 51 |
| 2 | 57 | 56 | 56 | 54 | 53 | 53 | 54 | 53 | 53 | 51 | 50 | 51 |
| 3 | 56 | 55 | 56 | 54 | 53 | 54 | 53 | 52 | 53 | 51 | 50 | 51 |
| 4 | 56 | 55 | 55 | 54 | 52 | 54 | 64 | 52 | 57 | 51 | 50 | 51 |
| 5 | 55 | 54 | 55 | 95 | 49 | 57 | 61 | 54 | 58 | 70 | 48 | 54 |
| 6 | 55 | 54 | 55 | 93 | 63 | 68 | 55 | 53 | 53 | 64 | 54 | 59 |
| 7 | 56 | 54 | 55 | 65 | 58 | 60 | 53 | 52 | 53 | 54 | 53 | 53 |
| 8 | 56 | 53 | 55 | 58 | 56 | 57 | 53 | 52 | 52 | 53 | 52 | 52 |
| 9 | 62 | 53 | 55 | 56 | 55 | 55 | 52 | 51 | 52 | 59 | 51 | 56 |
| 10 | 63 | 55 | 57 | 55 | 53 | 54 | 79 | 49 | 60 | 59 | 54 | 57 |
| 11 | 55 | 54 | 55 | 54 | 52 | 53 | 60 | 53 | 56 | 56 | 52 | 54 |
| 12 | 56 | 54 | 55 | 54 | 52 | 53 | 55 | 53 | 54 | 53 | 51 | 52 |
| 13 | 63 | 51 | 58 | 54 | 53 | 53 | 71 | 52 | 54 | 52 | 50 | 52 |
| 14 | 61 | 59 | 60 | 54 | 52 | 53 | 71 | 55 | 58 | 52 | 50 | 52 |
| 15 | 59 | 56 | 57 | 53 | 52 | 53 | 57 | 53 | 54 | 52 | 50 | 52 |
| 16 | 56 | 54 | 55 | 54 | 52 | 53 | 53 | 52 | 52 | 52 | 50 | 52 |
| 17 | --- | --- | --- | 65 | 53 | 59 | 60 | 52 | 57 | 52 | 50 | 52 |
| 18 | 53 | 53 | 53 | 74 | 53 | 58 | 56 | 53 | 54 | 62 | 51 | 57 |
| 19 | 54 | 53 | 53 | 74 | 42 | 52 | 53 | 52 | 53 | 56 | 51 | 52 |
| 20 | 57 | 52 | 54 | 58 | 52 | 55 | 53 | 52 | 52 | 60 | 53 | 55 |
| 21 | 57 | 54 | 55 | 57 | 54 | 55 | 53 | 52 | 52 | 55 | 53 | 54 |
| 22 | 55 | 53 | 54 | 54 | 53 | 54 | 52 | 51 | 52 | 55 | 52 | 53 |
| 23 | --- | --- | --- | 54 | 53 | 54 | 52 | 50 | 52 | 55 | 52 | 53 |
| 24 | 54 | 52 | 53 | 60 | 53 | 56 | 65 | 47 | 57 | 54 | 52 | 53 |
| 25 | 54 | 52 | 53 | 60 | 55 | 58 | 57 | 52 | 54 | 65 | 46 | 52 |
| 26 | 92 | 53 | 61 | 55 | 53 | 54 | 52 | 51 | 52 | --- | --- | --- |
| 27 | 85 | 65 | 69 | 72 | 50 | 54 | 52 | 51 | 51 | --- | --- | --- |
| 28 | --- | --- | --- | 61 | 55 | 58 | 52 | 50 | 51 | 50 | 49 | 49 |
| 29 | 57 | 55 | 56 | 62 | 55 | 57 | 51 | 50 | 51 | 49 | 49 | 49 |
| 30 | --- | --- | --- | 55 | 53 | 54 | 58 | 50 | 54 | 58 | 49 | 50 |
| 31 | 55 | 53 | 54 | --- | --- | --- | 54 | 51 | 52 | 50 | 49 | 49 |
| MONTH | --- | --- | --- | 95 | 42 | 55 | 79 | 47 | 54 | --- | --- | --- |

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 1.31 CONTRIBUTING DRAINAGE AREA DATUM 885.00 NGVD29

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

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|----------|-----|------|-------|-----|------|-------|-----|------|-----|-----|------|
| | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
| 1 | 50 | 49 | 49 | --- | --- | --- | 48 | 45 | 47 | 61 | 50 | 57 |
| 2 | 66 | 48 | 51 | --- | --- | --- | 49 | 45 | 47 | 58 | 40 | 45 |
| 3 | 79 | 52 | 61 | 53 | 47 | 49 | 49 | 45 | 48 | 52 | 50 | 51 |
| 4 | 52 | 48 | 50 | 48 | 46 | 47 | 49 | 45 | 48 | 53 | 49 | 50 |
| 5 | 61 | 49 | 51 | 48 | 46 | 47 | 49 | 45 | 48 | 50 | 49 | 50 |
| 6 | 63 | 49 | 55 | 53 | 45 | 49 | 50 | 45 | 48 | 50 | 49 | 50 |
| 7 | 51 | 48 | 50 | 51 | 46 | 48 | 50 | 45 | 48 | 50 | 49 | 50 |
| 8 | 48 | 47 | 48 | 48 | 46 | 48 | 50 | 46 | 48 | 50 | 49 | 50 |
| 9 | 48 | 47 | 48 | 48 | 46 | 47 | 50 | 46 | 48 | 50 | 49 | 49 |
| 10 | 48 | 47 | 48 | 48 | 46 | 47 | 50 | 46 | 48 | 50 | 49 | 50 |
| 11 | 48 | 47 | 48 | 48 | 46 | 47 | 56 | 46 | 50 | 66 | 48 | 51 |
| 12 | 49 | 41 | 45 | 48 | 46 | 47 | 61 | 44 | 51 | 67 | 36 | 59 |
| 13 | 49 | 47 | 48 | 48 | 47 | 48 | 47 | 42 | 44 | 63 | 54 | 58 |
| 14 | 53 | 46 | 50 | 48 | 46 | 47 | 51 | 46 | 48 | 61 | 55 | 56 |
| 15 | 51 | 40 | 47 | 49 | 46 | 48 | 49 | 47 | 48 | 55 | 52 | 53 |
| 16 | 57 | 47 | 48 | 52 | 47 | 49 | 49 | 47 | 48 | 57 | 50 | 52 |
| 17 | 63 | 49 | 52 | 52 | 46 | 48 | 49 | 47 | 48 | 62 | 54 | 58 |
| 18 | 50 | 48 | 49 | 49 | 46 | 48 | 50 | 47 | 49 | 72 | 50 | 57 |
| 19 | 51 | 49 | 50 | 53 | 46 | 49 | 50 | 47 | 49 | 59 | 53 | 57 |
| 20 | 49 | 47 | 48 | 49 | 45 | 48 | 50 | 47 | 49 | 56 | 52 | 53 |
| 21 | 49 | 47 | 48 | 57 | 48 | 52 | 50 | 47 | 49 | 55 | 53 | 53 |
| 22 | 48 | 46 | 47 | 52 | 46 | 49 | 50 | 47 | 49 | 53 | 52 | 52 |
| 23 | 48 | 47 | 48 | 49 | 46 | 48 | 50 | 48 | 49 | --- | --- | --- |
| 24 | 48 | 46 | 47 | 49 | 45 | 48 | 50 | 48 | 49 | --- | --- | --- |
| 25 | 52 | 46 | 48 | 49 | 45 | 48 | 50 | 48 | 49 | --- | --- | --- |
| 26 | 64 | 46 | 52 | 49 | 45 | 48 | 62 | 49 | 54 | --- | --- | --- |
| 27 | 64 | 49 | 56 | 50 | 46 | 48 | 58 | 51 | 54 | 51 | 51 | 51 |
| 28 | 49 | 47 | 48 | 50 | 45 | 48 | 51 | 49 | 50 | 52 | 51 | 51 |
| 29 | 49 | 46 | 48 | 49 | 45 | 48 | 50 | 48 | 49 | 51 | 50 | 51 |
| 30 | --- | --- | --- | 64 | 47 | 52 | 55 | 49 | 50 | 55 | 50 | 54 |
| 31 | --- | --- | --- | 52 | 46 | 49 | --- | --- | --- | 64 | 49 | 56 |
| MONTH | 79 | 40 | 50 | --- | --- | --- | 62 | 42 | 49 | --- | --- | --- |

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 1.31 CONTRIBUTING DRAINAGE AREA DATUM 885.00 NGVD29

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

| DAY | JUNE | | | JULY | | | AUGUST | | | SEPTEMBER | | |
|-------|------|-----|------|------|-----|------|--------|-----|------|-----------|-----|------|
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 59 | 54 | 56 | 59 | 36 | 55 | 52 | 51 | 51 | 63 | 50 | 56 |
| 2 | 54 | 52 | 52 | 53 | 41 | 45 | 54 | 50 | 51 | 58 | 30 | 41 |
| 3 | 52 | 51 | 51 | 54 | 53 | 54 | 51 | 50 | 51 | 50 | 42 | 48 |
| 4 | 51 | 51 | 51 | 55 | 52 | 54 | 51 | 50 | 51 | 52 | 50 | 51 |
| 5 | 51 | 50 | 51 | 56 | 54 | 56 | 54 | 46 | 50 | 53 | 52 | 52 |
| 6 | 51 | 50 | 50 | 61 | 54 | 57 | 54 | 50 | 52 | 53 | 51 | 52 |
| 7 | 53 | 50 | 51 | 56 | 54 | 54 | 51 | 49 | 49 | 53 | 20 | 34 |
| 8 | 59 | 52 | 56 | 56 | 53 | 54 | 51 | 49 | 50 | 46 | 37 | 42 |
| 9 | 60 | 52 | 56 | 58 | 54 | 56 | 52 | 49 | 50 | 53 | 46 | 49 |
| 10 | 52 | 51 | 51 | 55 | 53 | 54 | 56 | 50 | 50 | 56 | 53 | 55 |
| 11 | 51 | 51 | 51 | 54 | 52 | 53 | 73 | 54 | 59 | 57 | 56 | 57 |
| 12 | 51 | 46 | 51 | 55 | 52 | 53 | 54 | 24 | 37 | 57 | 57 | 57 |
| 13 | 64 | 45 | 60 | 57 | 52 | 55 | 41 | 30 | 36 | 57 | 57 | 57 |
| 14 | 59 | 52 | 57 | 53 | 52 | 53 | 46 | 41 | 44 | 58 | 57 | 57 |
| 15 | 52 | 44 | 50 | --- | --- | --- | 51 | 46 | 50 | 58 | 56 | 57 |
| 16 | 71 | 51 | 60 | 57 | 54 | 54 | 51 | 51 | 51 | 57 | 20 | 44 |
| 17 | 59 | 54 | 56 | 90 | 46 | 57 | 52 | 51 | 51 | 39 | 13 | 33 |
| 18 | 56 | 53 | 55 | 62 | 49 | 58 | 52 | 51 | 51 | 47 | 39 | 44 |
| 19 | 54 | 53 | 53 | 65 | 60 | 62 | 52 | 50 | 52 | 51 | 46 | 49 |
| 20 | 53 | 52 | 53 | 61 | 53 | 55 | 52 | 50 | 51 | --- | --- | --- |
| 21 | 62 | 47 | 53 | 53 | 52 | 52 | 57 | 51 | 55 | --- | --- | --- |
| 22 | 55 | 48 | 52 | 54 | 51 | 52 | 57 | 53 | 54 | --- | --- | --- |
| 23 | 54 | 46 | 51 | 52 | 51 | 51 | 53 | 52 | 52 | --- | --- | --- |
| 24 | 55 | 45 | 51 | 51 | 50 | 51 | 55 | 51 | 52 | 53 | 52 | 53 |
| 25 | 65 | 40 | 51 | 51 | 50 | 50 | 52 | 51 | 52 | 53 | 53 | 53 |
| 26 | 54 | 52 | 53 | 54 | 47 | 51 | 52 | 51 | 51 | 53 | 53 | 53 |
| 27 | 56 | 29 | 47 | 53 | 44 | 51 | 54 | 50 | 51 | 54 | 25 | 45 |
| 28 | 46 | 35 | 40 | 53 | 46 | 48 | 51 | 50 | 51 | 42 | 31 | 37 |
| 29 | 55 | 46 | 52 | 54 | 41 | 50 | 51 | 50 | 51 | 50 | 42 | 46 |
| 30 | 57 | 54 | 56 | 56 | 48 | 53 | 52 | 50 | 51 | 52 | 49 | 51 |
| 31 | --- | --- | --- | 52 | 51 | 52 | 52 | 50 | 51 | --- | --- | --- |
| MONTH | 71 | 29 | 53 | --- | --- | --- | 73 | 24 | 50 | --- | --- | --- |

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 1.31 CONTRIBUTING DRAINAGE AREA DATUM 885.00 NGVD29

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|---------|------|------|----------|------|------|----------|-----|------|---------|------|------|
| | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
| 1 | 17.1 | 13.6 | 15.2 | 17.0 | 12.4 | 14.6 | 11.4 | 7.2 | 9.0 | 10.0 | 5.4 | 7.6 |
| 2 | 16.3 | 13.2 | 14.6 | 17.2 | 12.8 | 14.8 | 10.6 | 6.8 | 8.6 | 11.2 | 7.6 | 9.4 |
| 3 | 15.1 | 12.0 | 13.5 | 17.1 | 12.7 | 14.7 | 8.5 | 7.4 | 8.0 | 13.6 | 9.6 | 11.6 |
| 4 | 16.7 | 12.6 | 14.6 | 17.6 | 14.8 | 16.2 | 8.0 | 6.8 | 7.1 | 14.4 | 11.0 | 12.7 |
| 5 | 17.5 | 14.0 | 15.7 | 19.3 | 17.0 | 18.0 | 8.6 | 7.1 | 7.9 | 14.6 | 10.6 | 13.3 |
| 6 | 17.9 | 15.9 | 16.9 | 21.2 | 18.6 | 19.7 | 9.4 | 6.9 | 7.8 | 10.6 | 6.0 | 8.3 |
| 7 | 18.2 | 16.7 | 17.3 | 19.5 | 16.9 | 18.1 | 8.9 | 5.3 | 6.9 | 6.1 | 3.7 | 4.9 |
| 8 | 18.0 | 17.0 | 17.4 | 17.2 | 15.4 | 16.2 | 9.2 | 5.3 | 7.1 | 6.3 | 3.3 | 4.9 |
| 9 | 18.5 | 17.3 | 17.8 | 15.4 | 12.5 | 14.3 | 10.3 | 6.2 | 8.3 | 7.3 | 5.9 | 6.6 |
| 10 | 18.4 | 17.5 | 17.9 | 13.4 | 10.6 | 11.9 | 11.4 | 8.8 | 10.3 | 7.1 | 5.1 | 6.5 |
| 11 | 17.5 | 16.9 | 17.2 | 15.0 | 10.1 | 12.4 | 9.3 | 7.3 | 8.2 | 7.2 | 3.7 | 5.2 |
| 12 | 19.4 | 16.7 | 17.8 | 17.2 | 12.2 | 14.5 | 9.3 | 6.0 | 7.5 | 8.5 | 4.3 | 6.1 |
| 13 | 19.8 | 15.9 | 18.0 | 15.9 | 10.2 | 13.3 | 8.1 | 6.4 | 7.3 | 10.2 | 6.8 | 8.1 |
| 14 | 19.8 | 16.5 | 18.7 | 11.9 | 8.0 | 9.9 | 7.7 | 5.9 | 6.8 | 10.1 | 6.5 | 8.3 |
| 15 | 16.6 | 13.9 | 15.3 | 13.3 | 9.2 | 10.9 | 9.7 | 6.2 | 7.7 | 10.6 | 7.4 | 9.1 |
| 16 | 15.9 | 11.8 | 13.8 | 14.7 | 9.9 | 12.3 | 10.2 | 6.1 | 8.2 | 9.5 | 5.4 | 7.3 |
| 17 | 14.6 | 11.7 | 13.4 | 16.8 | 14.0 | 15.3 | 10.3 | 6.7 | 8.5 | 8.0 | 5.5 | 6.9 |
| 18 | 15.9 | 12.1 | 14.0 | 17.2 | 14.6 | 15.8 | 8.7 | 5.5 | 7.1 | 10.1 | 7.7 | 8.9 |
| 19 | 16.3 | 12.1 | 14.2 | 17.7 | 14.6 | 16.7 | 8.5 | 5.9 | 7.1 | 9.0 | 5.5 | 7.4 |
| 20 | 17.0 | 12.8 | 14.8 | 15.0 | 12.6 | 13.7 | 6.9 | 4.5 | 5.4 | 7.3 | 3.6 | 5.3 |
| 21 | 17.9 | 13.4 | 15.7 | 15.0 | 10.8 | 12.7 | 6.9 | 3.2 | 4.9 | 7.1 | 3.5 | 5.2 |
| 22 | 17.2 | 14.7 | 16.0 | 14.8 | 10.5 | 12.5 | 8.4 | 3.8 | 5.9 | 8.3 | 4.3 | 6.0 |
| 23 | 16.3 | 12.9 | 14.5 | 14.6 | 10.3 | 12.5 | 9.6 | 5.1 | 7.3 | 7.3 | 4.1 | 5.6 |
| 24 | 15.9 | 12.3 | 14.1 | 13.7 | 9.9 | 12.6 | 10.2 | 6.7 | 9.0 | 9.7 | 4.2 | 6.7 |
| 25 | 16.3 | 12.9 | 14.4 | 10.8 | 7.4 | 9.0 | 7.5 | 4.8 | 6.1 | 8.8 | 5.2 | 7.2 |
| 26 | 16.2 | 14.8 | 15.3 | 11.5 | 7.3 | 9.3 | 8.2 | 4.4 | 6.1 | --- | --- | --- |
| 27 | 16.6 | 14.1 | 16.0 | 11.8 | 10.2 | 11.0 | 8.8 | 4.4 | 6.4 | --- | --- | --- |
| 28 | --- | --- | --- | 13.3 | 8.9 | 11.9 | 8.8 | 4.9 | 6.7 | 7.0 | 3.7 | 5.2 |
| 29 | 15.3 | 12.0 | 13.5 | 9.1 | 6.9 | 7.9 | 9.8 | 6.4 | 8.2 | 7.9 | 4.1 | 5.8 |
| 30 | --- | --- | --- | 10.1 | 6.0 | 7.8 | 10.1 | 6.9 | 8.9 | 9.1 | 5.4 | 7.0 |
| 31 | 16.4 | 12.0 | 14.1 | --- | --- | --- | 9.0 | 5.1 | 6.9 | 8.3 | 4.8 | 6.4 |
| MONTH | --- | --- | --- | 21.2 | 6.0 | 13.3 | 11.4 | 3.2 | 7.5 | --- | --- | --- |

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 1.31 CONTRIBUTING DRAINAGE AREA DATUM 885.00 NGVD29

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
|-------|----------|-----|------|-------|------|------|-------|------|------|------|------|------|
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 8.2 | 4.4 | 6.1 | --- | --- | --- | 15.1 | 8.8 | 11.5 | 17.4 | 15.7 | 16.4 |
| 2 | 6.5 | 4.6 | 5.8 | --- | --- | --- | 14.9 | 9.1 | 11.7 | 18.4 | 15.7 | 17.3 |
| 3 | 8.9 | 4.6 | 6.5 | 16.8 | 13.0 | 14.5 | 17.8 | 9.2 | 13.0 | 15.7 | 12.7 | 14.2 |
| 4 | 8.4 | 4.9 | 6.5 | 17.0 | 13.2 | 14.7 | 16.7 | 10.0 | 12.7 | 15.3 | 10.6 | 13.0 |
| 5 | 6.7 | 6.1 | 6.4 | 16.5 | 13.1 | 14.7 | 16.8 | 8.8 | 12.2 | 17.4 | 11.7 | 14.5 |
| 6 | 8.2 | 5.6 | 6.9 | 17.8 | 13.6 | 15.5 | 17.6 | 9.0 | 12.9 | 19.0 | 14.3 | 16.5 |
| 7 | 7.9 | 5.7 | 6.7 | 16.8 | 11.3 | 13.5 | 18.0 | 10.2 | 13.8 | 19.7 | 15.1 | 17.4 |
| 8 | 8.4 | 4.5 | 6.2 | 13.7 | 9.0 | 10.9 | 17.9 | 12.8 | 14.9 | 20.1 | 15.6 | 17.8 |
| 9 | 7.9 | 5.3 | 6.4 | 12.5 | 7.5 | 9.7 | 19.4 | 11.9 | 15.2 | 19.9 | 16.5 | 18.2 |
| 10 | 8.9 | 5.9 | 7.5 | 13.4 | 7.1 | 9.8 | 17.2 | 10.9 | 14.0 | 19.7 | 16.3 | 18.0 |
| 11 | 9.5 | 7.6 | 8.6 | 13.8 | 6.4 | 9.8 | 16.3 | 12.9 | 14.7 | 19.5 | 17.3 | 18.2 |
| 12 | 8.7 | 6.7 | 7.6 | 14.4 | 8.3 | 10.8 | 15.0 | 12.4 | 13.9 | 19.4 | 17.5 | 18.4 |
| 13 | 10.8 | 7.7 | 9.0 | 14.2 | 7.5 | 10.4 | 13.4 | 10.3 | 12.3 | 19.3 | 18.4 | 18.8 |
| 14 | 9.4 | 8.9 | 9.2 | 15.5 | 9.1 | 12.0 | 14.6 | 9.2 | 11.4 | 19.0 | 17.3 | 18.2 |
| 15 | 9.4 | 8.2 | 9.0 | 15.8 | 12.3 | 13.8 | 17.2 | 9.1 | 12.8 | 19.7 | 17.0 | 18.3 |
| 16 | 8.3 | 7.3 | 7.8 | 17.0 | 12.5 | 14.3 | 18.4 | 10.4 | 14.1 | 19.6 | 16.8 | 18.2 |
| 17 | 8.7 | 6.8 | 7.6 | 15.9 | 10.0 | 12.4 | 19.2 | 11.7 | 15.1 | 19.8 | 17.0 | 18.4 |
| 18 | 11.0 | 6.0 | 8.1 | 14.2 | 8.7 | 11.5 | 20.0 | 12.9 | 16.2 | 19.4 | 17.5 | 18.4 |
| 19 | 11.6 | 6.1 | 8.6 | 18.2 | 10.2 | 13.5 | 20.0 | 13.9 | 16.7 | 20.1 | 17.6 | 18.8 |
| 20 | 11.0 | 6.9 | 9.1 | 17.4 | 10.8 | 13.7 | 19.4 | 14.8 | 16.9 | 21.0 | 17.6 | 19.3 |
| 21 | 12.8 | 8.9 | 10.8 | 16.7 | 10.2 | 13.9 | 18.3 | 14.5 | 16.3 | 21.5 | 18.3 | 19.8 |
| 22 | 12.0 | 6.6 | 9.0 | 13.7 | 7.6 | 10.1 | 19.5 | 14.0 | 16.5 | 20.1 | 18.8 | 19.5 |
| 23 | 9.6 | 7.2 | 8.5 | 13.6 | 5.7 | 9.2 | 19.6 | 14.6 | 17.0 | --- | --- | --- |
| 24 | 10.8 | 9.2 | 9.9 | 15.2 | 7.0 | 10.7 | 19.7 | 15.2 | 17.4 | --- | --- | --- |
| 25 | 10.1 | 8.4 | 9.4 | 17.2 | 8.6 | 12.4 | 19.6 | 15.8 | 17.7 | --- | --- | --- |
| 26 | 8.4 | 5.3 | 6.2 | 18.8 | 10.6 | 14.2 | 17.8 | 15.2 | 16.8 | --- | --- | --- |
| 27 | 8.5 | 5.6 | 6.8 | 18.8 | 11.3 | 14.7 | 16.7 | 13.2 | 14.8 | 22.2 | 19.5 | 20.8 |
| 28 | 11.5 | 5.2 | 7.9 | 19.7 | 12.2 | 15.6 | 16.3 | 11.2 | 13.7 | 21.9 | 19.6 | 20.6 |
| 29 | 11.2 | 5.5 | 8.2 | 19.3 | 14.2 | 16.0 | 16.4 | 12.0 | 14.3 | 20.5 | 19.4 | 20.0 |
| 30 | --- | --- | --- | 18.4 | 13.6 | 15.3 | 16.2 | 15.2 | 15.6 | 21.8 | 18.8 | 20.2 |
| 31 | --- | --- | --- | 15.1 | 10.7 | 12.9 | --- | --- | --- | 20.9 | 19.4 | 20.3 |
| MONTH | 12.8 | 4.4 | 7.8 | --- | --- | --- | 20.0 | 8.8 | 14.5 | --- | --- | --- |

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 1.31 CONTRIBUTING DRAINAGE AREA DATUM 885.00 NGVD29

Temperature, water, degrees Celsius
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | JUNE | | | JULY | | | AUGUST | | | SEPTEMBER | | |
|-------|------|------|------|------|------|------|--------|------|------|-----------|------|------|
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 20.3 | 18.6 | 19.4 | 22.8 | 20.0 | 20.9 | 23.9 | 21.5 | 22.7 | 22.0 | 20.9 | 21.4 |
| 2 | 20.5 | 17.3 | 19.0 | 22.6 | 21.4 | 22.0 | 23.8 | 21.8 | 22.8 | 22.1 | 21.4 | 21.7 |
| 3 | 20.6 | 18.0 | 19.4 | 22.8 | 20.8 | 21.7 | 23.8 | 21.1 | 22.5 | 21.8 | 20.7 | 21.3 |
| 4 | 21.2 | 18.9 | 19.9 | 22.2 | 20.4 | 21.2 | 24.1 | 21.6 | 22.9 | 21.6 | 19.7 | 20.7 |
| 5 | 20.1 | 17.1 | 18.8 | 23.3 | 19.9 | 21.6 | 23.0 | 21.4 | 22.3 | 22.0 | 19.9 | 20.9 |
| 6 | 20.4 | 17.5 | 19.0 | 23.3 | 20.2 | 21.7 | 22.9 | 21.0 | 22.0 | 21.6 | 20.6 | 21.1 |
| 7 | 20.2 | 18.4 | 19.4 | 22.9 | 20.4 | 21.7 | 21.0 | 18.4 | 19.8 | 22.4 | 21.2 | 21.8 |
| 8 | 20.0 | 18.8 | 19.4 | 23.3 | 20.7 | 21.9 | 20.8 | 17.3 | 19.1 | 22.0 | 20.9 | 21.6 |
| 9 | 20.9 | 19.2 | 19.9 | 23.3 | 20.7 | 22.1 | 20.6 | 17.7 | 19.2 | 22.0 | 20.1 | 21.0 |
| 10 | 21.6 | 19.1 | 20.3 | 23.8 | 21.2 | 22.4 | 20.6 | 18.8 | 19.8 | 21.8 | 19.9 | 20.8 |
| 11 | 22.5 | 19.6 | 21.1 | 23.9 | 21.1 | 22.5 | 21.7 | 18.6 | 20.2 | 21.5 | 19.0 | 20.2 |
| 12 | 23.1 | 20.5 | 21.8 | 23.4 | 21.3 | 22.4 | 21.8 | 19.8 | 21.0 | 21.2 | 18.7 | 19.9 |
| 13 | 22.1 | 21.4 | 21.9 | 24.1 | 21.5 | 22.8 | 20.9 | 19.1 | 20.0 | 20.3 | 18.8 | 19.6 |
| 14 | 22.1 | 21.0 | 21.5 | 24.0 | 21.3 | 22.5 | 20.7 | 18.0 | 19.4 | 20.3 | 18.0 | 19.2 |
| 15 | 23.2 | 21.4 | 22.1 | 23.0 | 20.9 | 21.9 | 21.4 | 19.5 | 20.3 | 19.8 | 18.8 | 19.3 |
| 16 | 22.8 | 21.1 | 21.9 | 22.0 | 19.1 | 20.7 | 21.6 | 19.9 | 20.7 | 22.7 | 19.8 | 21.0 |
| 17 | 23.4 | 20.9 | 22.2 | 24.2 | 20.5 | 21.9 | 21.7 | 19.4 | 20.6 | 22.0 | 20.7 | 21.4 |
| 18 | 23.2 | 21.3 | 22.3 | 24.4 | 22.3 | 23.3 | 22.0 | 19.7 | 20.9 | 20.9 | 18.9 | 20.0 |
| 19 | 23.8 | 21.2 | 22.5 | 23.0 | 20.6 | 21.9 | 22.3 | 19.5 | 20.9 | 19.2 | 16.7 | 18.0 |
| 20 | 23.1 | 20.8 | 22.1 | 22.7 | 19.8 | 21.3 | 22.2 | 20.3 | 21.3 | 18.0 | 15.6 | 16.8 |
| 21 | 22.2 | 21.1 | 21.5 | 22.9 | 19.9 | 21.4 | 22.3 | 20.8 | 21.5 | --- | --- | --- |
| 22 | 23.1 | 21.0 | 22.0 | 23.2 | 20.5 | 22.0 | 22.5 | 20.7 | 21.5 | --- | --- | --- |
| 23 | 22.5 | 21.2 | 21.8 | 24.2 | 21.3 | 22.7 | 22.4 | 20.9 | 21.6 | --- | --- | --- |
| 24 | 22.3 | 21.3 | 21.8 | 24.3 | 21.6 | 23.0 | 22.4 | 20.3 | 21.4 | 20.2 | 17.3 | 18.7 |
| 25 | 24.1 | 21.0 | 22.2 | 23.3 | 21.9 | 22.6 | 22.3 | 20.7 | 21.5 | 20.2 | 17.6 | 18.9 |
| 26 | 22.8 | 21.4 | 21.9 | 23.3 | 21.3 | 22.3 | 22.4 | 20.3 | 21.4 | 19.7 | 17.0 | 18.4 |
| 27 | 22.9 | 20.7 | 21.6 | 22.7 | 21.5 | 22.1 | 22.7 | 20.2 | 21.5 | 20.0 | 18.6 | 19.2 |
| 28 | 22.3 | 21.5 | 21.9 | 24.1 | 22.4 | 23.1 | 23.3 | 20.8 | 22.0 | 21.4 | 19.5 | 20.3 |
| 29 | 21.7 | 20.1 | 21.0 | 23.4 | 21.7 | 22.4 | 22.6 | 21.1 | 21.9 | 20.3 | 18.4 | 19.4 |
| 30 | 20.9 | 20.2 | 20.5 | 23.9 | 22.4 | 23.0 | 22.7 | 20.6 | 21.7 | 19.9 | 17.1 | 18.5 |
| 31 | --- | --- | --- | 23.8 | 21.6 | 22.7 | 22.8 | 20.8 | 21.8 | --- | --- | --- |
| MONTH | 24.1 | 17.1 | 21.0 | 24.4 | 19.1 | 22.1 | 24.1 | 17.3 | 21.2 | --- | --- | --- |

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 1.31 CONTRIBUTING DRAINAGE AREA DATUM 885.00 NGVD29

Turbidity, water, unfiltered, nephelometric turbidity units
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
|-----|---------|------|--------|----------|------|--------|----------|------|--------|---------|------|--------|
| | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN |
| 1 | 14 | 5.9 | 8.1 | <5.0 | <5.0 | <5.0 | 8.9 | <5.0 | 5.4 | 5.1 | <5.0 | <5.0 |
| 2 | 14 | 9.2 | 12 | 5.9 | <5.0 | <5.0 | 6.3 | <5.0 | 5.0 | 5.9 | <5.0 | <5.0 |
| 3 | 12 | 5.7 | 7.4 | 6.0 | <5.0 | <5.0 | 5.7 | <5.0 | <5.0 | 7.0 | <5.0 | <5.0 |
| 4 | 10 | 5.9 | 7.0 | <5.0 | <5.0 | <5.0 | 89 | <5.0 | 39 | 6.6 | <5.0 | 5.1 |
| 5 | 9.7 | 6.2 | 7.2 | 718 | <5.0 | <5.0 | 39 | 5.3 | 12 | 374 | <5.0 | 5.4 |
| 6 | 11 | 5.4 | 6.3 | 263 | 11 | 42 | 8.0 | <5.0 | 5.0 | 147 | 33 | 60 |
| 7 | 24 | 6.1 | 7.9 | 12 | 6.2 | 7.3 | 5.0 | <5.0 | <5.0 | 35 | 8.9 | 13 |
| 8 | 14 | 5.6 | 6.6 | 7.4 | 5.2 | 5.8 | 5.3 | <5.0 | <5.0 | 11 | 6.4 | 8.0 |
| 9 | 11 | 5.9 | 7.4 | 7.2 | <5.0 | <5.0 | 5.7 | <5.0 | <5.0 | 40 | 7.4 | 18 |
| 10 | 8.6 | <5.0 | 5.0 | 5.9 | <5.0 | <5.0 | 691 | <5.0 | 146 | 15 | 7.3 | 9.8 |
| 11 | 9.0 | <5.0 | 5.8 | 23 | <5.0 | <5.0 | 122 | 20 | 40 | 8.0 | <5.0 | 5.9 |
| 12 | 6.2 | <5.0 | <5.0 | 15 | <5.0 | <5.0 | 21 | 6.4 | 7.5 | 6.7 | <5.0 | 5.3 |
| 13 | 218 | <5.0 | 106 | 8.5 | <5.0 | <5.0 | 100 | <5.0 | 5.9 | 7.4 | <5.0 | <5.0 |
| 14 | 76 | 8.5 | 21 | 5.6 | <5.0 | <5.0 | 265 | 20 | 69 | 6.6 | <5.0 | <5.0 |
| 15 | 16 | 5.2 | 7.2 | 5.4 | <5.0 | <5.0 | 23 | 6.6 | 8.3 | <5.0 | <5.0 | <5.0 |
| 16 | 7.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 12 | 5.2 | 6.2 | 5.6 | <5.0 | <5.0 |
| 17 | 22 | <5.0 | <5.0 | 38 | <5.0 | 13 | 42 | 6.3 | 17 | <5.0 | <5.0 | <5.0 |
| 18 | 5.3 | <5.0 | <5.0 | 511 | <5.0 | 5.9 | 8.3 | <5.0 | 5.1 | 63 | <5.0 | 21 |
| 19 | 5.7 | <5.0 | <5.0 | >2200 | 152 | 230 | 7.1 | <5.0 | <5.0 | 9.5 | <5.0 | <5.0 |
| 20 | 6.3 | <5.0 | <5.0 | 168 | 26 | 81 | 5.0 | <5.0 | <5.0 | 7.0 | <5.0 | <5.0 |
| 21 | <5.0 | <5.0 | <5.0 | 26 | 11 | 13 | <5.0 | <5.0 | <5.0 | 6.0 | <5.0 | <5.0 |
| 22 | <5.0 | <5.0 | <5.0 | 14 | 8.9 | 10 | 6.8 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 |
| 23 | 7.3 | <5.0 | <5.0 | 11 | 6.9 | 8.9 | 70 | <5.0 | <5.0 | 8.1 | <5.0 | <5.0 |
| 24 | 8.7 | <5.0 | <5.0 | 45 | 7.4 | 21 | 348 | 13 | 70 | <5.0 | <5.0 | <5.0 |
| 25 | 5.6 | <5.0 | <5.0 | 29 | 5.6 | 8.2 | 14 | 5.4 | 6.8 | 853 | <5.0 | 237 |
| 26 | 152 | <5.0 | <5.0 | 8.2 | <5.0 | 5.7 | 6.5 | <5.0 | 5.2 | --- | --- | --- |
| 27 | 122 | 6.6 | 25 | 313 | <5.0 | 5.6 | 7.2 | <5.0 | <5.0 | --- | --- | --- |
| 28 | 9.0 | <5.0 | <5.0 | 207 | 23 | 55 | 7.5 | <5.0 | <5.0 | 12 | <5.0 | 5.6 |
| 29 | 5.4 | <5.0 | <5.0 | 26 | 6.8 | 9.3 | 6.7 | <5.0 | <5.0 | 6.8 | <5.0 | <5.0 |
| 30 | <5.0 | <5.0 | <5.0 | 10 | 5.2 | 6.1 | 34 | <5.0 | 11 | 36 | <5.0 | <5.0 |
| 31 | <5.0 | <5.0 | <5.0 | --- | --- | --- | 7.0 | <5.0 | <5.0 | 5.5 | <5.0 | <5.0 |
| MAX | 218 | 9.2 | 106 | 2200 | 152 | 230 | 691 | 20 | 146 | --- | --- | --- |
| MIN | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | --- | --- | --- |

< Actual value is known to be less than the value shown
 > Actual value is known to be greater than the value shown

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 1.31 CONTRIBUTING DRAINAGE AREA DATUM 885.00 NGVD29

Turbidity, water, unfiltered, nephelometric turbidity units
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
|-----|----------|------|--------|-------|------|--------|-------|------|--------|-------|-----|--------|
| | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN |
| 1 | <5.0 | <5.0 | <5.0 | --- | --- | --- | 6.9 | <5.0 | <5.0 | 37 | 6.8 | 16 |
| 2 | 426 | <5.0 | <5.0 | --- | --- | --- | 20 | <5.0 | <5.0 | 1480 | 18 | 281 |
| 3 | 210 | 7.3 | 31 | <5.0 | <5.0 | <5.0 | 10 | <5.0 | <5.0 | 186 | 14 | 33 |
| 4 | 8.2 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 11 | <5.0 | <5.0 | 15 | 7.7 | 10 |
| 5 | 11 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 7.9 | <5.0 | <5.0 | 37 | 6.9 | 12 |
| 6 | 820 | <5.0 | 137 | 71 | <5.0 | 11 | 12 | <5.0 | <5.0 | 20 | 6.3 | 8.6 |
| 7 | 132 | 8.3 | 33 | 8.0 | <5.0 | <5.0 | 12 | <5.0 | <5.0 | 16 | 7.5 | 8.7 |
| 8 | 14 | <5.0 | 5.6 | <5.0 | <5.0 | <5.0 | 16 | <5.0 | <5.0 | 28 | 7.3 | 11 |
| 9 | 7.3 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 6.1 | <5.0 | <5.0 | 50 | 8.8 | 19 |
| 10 | 5.5 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 23 | <5.0 | <5.0 | 26 | 8.8 | 11 |
| 11 | 8.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 15 | <5.0 | 5.0 | 64 | 8.7 | 16 |
| 12 | 788 | <5.0 | 136 | <5.0 | <5.0 | <5.0 | 2000 | <5.0 | <5.0 | >2200 | 9.6 | 19 |
| 13 | 74 | 8.4 | 14 | 5.4 | <5.0 | <5.0 | 1470 | 116 | 201 | 747 | 48 | 150 |
| 14 | 67 | 7.1 | 30 | <5.0 | <5.0 | <5.0 | 144 | 13 | 33 | 514 | 19 | 41 |
| 15 | 600 | 10 | 67 | 5.3 | <5.0 | <5.0 | 28 | 5.5 | 7.6 | 338 | 15 | 20 |
| 16 | 61 | 8.3 | 17 | 16 | <5.0 | 6.2 | 14 | <5.0 | 5.4 | 54 | 12 | 19 |
| 17 | 54 | <5.0 | 6.2 | <5.0 | <5.0 | <5.0 | 13 | <5.0 | <5.0 | 95 | 12 | 17 |
| 18 | 17 | <5.0 | 5.0 | 8.9 | <5.0 | <5.0 | 5.8 | <5.0 | <5.0 | 589 | 13 | 54 |
| 19 | 26 | <5.0 | 12 | 9.7 | <5.0 | <5.0 | 7.0 | <5.0 | <5.0 | 64 | 13 | 22 |
| 20 | 28 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | 8.1 | <5.0 | <5.0 | 57 | 10 | 14 |
| 21 | 20 | <5.0 | <5.0 | 16 | <5.0 | <5.0 | 6.3 | <5.0 | <5.0 | 39 | 11 | 14 |
| 22 | 19 | <5.0 | <5.0 | 9.9 | <5.0 | <5.0 | 6.0 | <5.0 | <5.0 | 33 | 10 | 13 |
| 23 | 5.0 | <5.0 | <5.0 | 7.1 | <5.0 | <5.0 | 7.0 | <5.0 | <5.0 | 36 | 11 | 14 |
| 24 | 13 | <5.0 | <5.0 | 14 | <5.0 | <5.0 | 11 | <5.0 | <5.0 | --- | --- | --- |
| 25 | 9.8 | <5.0 | <5.0 | 9.6 | <5.0 | <5.0 | 20 | <5.0 | 5.4 | --- | --- | --- |
| 26 | 46 | 5.7 | 10 | 13 | <5.0 | <5.0 | 38 | <5.0 | 8.8 | --- | --- | --- |
| 27 | 23 | 6.0 | 7.9 | 12 | <5.0 | <5.0 | 14 | 6.2 | 8.0 | 15 | 9.4 | 11 |
| 28 | 6.8 | <5.0 | <5.0 | 7.6 | <5.0 | <5.0 | 13 | 5.5 | 7.2 | 15 | 9.1 | 11 |
| 29 | 6.4 | <5.0 | <5.0 | 10 | <5.0 | <5.0 | 36 | <5.0 | 8.7 | 16 | 8.4 | 11 |
| 30 | --- | --- | --- | 94 | <5.0 | 16 | 15 | <5.0 | 5.0 | 33 | 10 | 21 |
| 31 | --- | --- | --- | 17 | <5.0 | 6.3 | --- | --- | --- | 270 | 12 | 49 |
| MAX | 820 | 10 | 137 | --- | --- | --- | 2000 | 116 | 201 | --- | --- | --- |
| MIN | 5.0 | 5.0 | 5.0 | --- | --- | --- | 5.8 | 5.0 | 5.0 | --- | --- | --- |

< Actual value is known to be less than the value shown
 > Actual value is known to be greater than the value shown

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02217274 WHEELER CREEK AT BILL CHEEK ROAD, NEAR AUBURN, GA SOURCE AGENCY USGS STATE 13 COUNTY 135
 LATITUDE 340456 LONGITUDE 0835117 NAD27 DRAINAGE AREA 1.31 CONTRIBUTING DRAINAGE AREA DATUM 885.00 NGVD29

Turbidity, water, unfiltered, nephelometric turbidity units
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | JUNE | | | JULY | | | AUGUST | | | SEPTEMBER | | |
|-----|-------|-----|--------|------|------|--------|--------|------|--------|-----------|------|--------|
| | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN | MAX | MIN | MEDIAN |
| 1 | 36 | 8.8 | 13 | 1480 | 7.0 | 11 | 12 | 6.6 | 8.6 | 98 | 6.6 | 23 |
| 2 | 12 | 7.2 | 9.2 | 370 | 26 | 87 | 14 | 6.8 | 8.2 | >2200 | 13 | 119 |
| 3 | 16 | 7.3 | 9.2 | 28 | 8.8 | 12 | 12 | 7.0 | 8.8 | 71 | 16 | 28 |
| 4 | 13 | 7.0 | 8.9 | 14 | 7.5 | 9.2 | 12 | 6.2 | 7.7 | 24 | 11 | 14 |
| 5 | 13 | 7.1 | 8.8 | 18 | 5.8 | 8.2 | 251 | 8.3 | 17 | 16 | 7.6 | 9.7 |
| 6 | 14 | 6.7 | 8.6 | 8.9 | <5.0 | 6.3 | 132 | 11 | 20 | 54 | 6.8 | 8.6 |
| 7 | 26 | 7.3 | 8.7 | 15 | <5.0 | 5.6 | 15 | 6.1 | 8.2 | >2200 | 14 | 526 |
| 8 | 17 | 7.3 | 9.2 | 8.5 | <5.0 | 5.4 | 46 | 6.0 | 7.5 | 378 | 42 | 69 |
| 9 | 12 | 6.8 | 8.3 | 7.1 | <5.0 | 5.2 | 9.7 | 5.0 | 6.0 | 45 | 17 | 27 |
| 10 | 11 | 6.9 | 8.5 | 7.3 | <5.0 | 5.4 | 12 | 5.1 | 6.3 | 88 | 13 | 18 |
| 11 | 12 | 6.6 | 8.8 | 32 | <5.0 | 5.8 | 8.3 | <5.0 | 5.2 | 83 | 7.8 | 10 |
| 12 | 88 | 7.4 | 9.1 | 9.4 | <5.0 | 5.6 | >2200 | 5.0 | 227 | 18 | 6.1 | 7.8 |
| 13 | 641 | 28 | 98 | 8.6 | <5.0 | 5.3 | 387 | 43 | 116 | 24 | 5.5 | 6.8 |
| 14 | 145 | 9.2 | 20 | 8.5 | <5.0 | 5.8 | 43 | 18 | 23 | 64 | <5.0 | 9.1 |
| 15 | 273 | 20 | 41 | 12 | <5.0 | 5.6 | 19 | 12 | 14 | 17 | 5.1 | 6.8 |
| 16 | 22 | 7.0 | 9.3 | 11 | <5.0 | <5.0 | 16 | 9.8 | 12 | >2200 | 6.9 | 29 |
| 17 | 23 | 7.0 | 8.8 | 1160 | <5.0 | <5.0 | 13 | 8.5 | 11 | 2180 | 43 | 94 |
| 18 | 10 | 6.1 | 7.8 | 664 | 36 | 86 | 12 | 8.1 | 9.4 | 43 | 17 | 25 |
| 19 | 13 | 5.7 | 7.4 | 36 | 7.6 | 11 | 12 | 7.5 | 9.3 | 20 | 9.0 | 12 |
| 20 | 15 | 6.2 | 7.8 | 8.7 | 5.1 | 6.7 | 20 | 7.8 | 12 | 19 | 5.9 | 8.2 |
| 21 | 876 | 6.9 | 26 | 11 | <5.0 | 5.9 | 18 | 7.6 | 12 | --- | --- | --- |
| 22 | 380 | 17 | 59 | 7.2 | <5.0 | 5.5 | 10 | 6.3 | 7.7 | --- | --- | --- |
| 23 | 657 | 15 | 46 | 6.8 | <5.0 | <5.0 | 11 | 6.1 | 7.5 | --- | --- | --- |
| 24 | 688 | 38 | 92 | 10 | <5.0 | <5.0 | 12 | 6.2 | 8.0 | 12 | <5.0 | <5.0 |
| 25 | >2200 | 74 | 261 | 16 | <5.0 | <5.0 | 9.1 | 6.5 | 7.6 | 8.4 | <5.0 | <5.0 |
| 26 | 162 | 23 | 34 | 25 | <5.0 | 10 | 18 | 6.5 | 9.1 | 8.6 | <5.0 | <5.0 |
| 27 | >2200 | 10 | 25 | 1510 | <5.0 | 5.2 | 13 | 6.3 | 8.1 | >2200 | <5.0 | 7.3 |
| 28 | 751 | 64 | 162 | 1220 | 20 | 65 | 11 | 5.3 | 7.0 | 398 | 30 | 68 |
| 29 | 64 | 14 | 22 | 787 | 7.7 | 14 | 9.0 | 5.2 | 6.7 | 32 | 11 | 19 |
| 30 | 17 | 9.7 | 13 | 421 | 19 | 41 | 12 | 5.4 | 7.2 | 322 | 8.0 | 12 |
| 31 | --- | --- | --- | 25 | 8.3 | 11 | 10 | 5.7 | 6.9 | --- | --- | --- |
| MAX | 2200 | 74 | 261 | 1510 | 36 | 87 | 2200 | 43 | 227 | --- | --- | --- |
| MIN | 10 | 5.7 | 7.4 | 6.8 | 5.0 | 5.0 | 8.3 | 5.0 | 5.2 | --- | --- | --- |

> Actual value is known to be greater than the value shown
 < Actual value is known to be less than the value shown