# 02413210 LITTLE TALLAPOOSA R AT GA 100, NEAR BOWDON, GA

Coosa-Tallapoosa Basin
Upper Tallapoosa Subbasin

LOCATION.--Lat 33°29′34″, long 85°16′45″ referenced to North American Datum of 1927, Carroll County, GA, Hydrologic Unit 03150108, 0.6 mi downstream from confluence with Hungry Creek, 1.9 mi upstream from confluence with Big Indian Creek, and 3.7 mi south of Bowdon.

DRAINAGE AREA.--245 $mi^2$.

## SURFACE-WATER RECORDS

PERIOD OF RECORD.--
DISCHARGE: December 1999 to September 2004, April 2008 to current year.
GAGE-HEIGHT: April 2008 to current year.

GAGE.--Satellite telemetry with a water-stage recorder. Datum of gage is 919 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

COOPERATION.--Georgia Department of Natural Resources, Environmental Protection Division.

REMARKS.--Discharge records fair, except for days of estimated discharge, which are poor. Gage-height records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage-height recorded, 18.48 feet, September 22, 2009; minimum daily discharge, 3.6 cfs, October 7, 2009.

EXTREMES FOR CURRENT YEAR.--Maximum discharge recorded, 2,140 cfs, March 9; maximum gage-height recorded, 10.71 feet, March 9; minimum gage-height recorded, 1.51 feet, September 5; minimum daily discharge, 4.2 cfs, August 31.



Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 02413210, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/02413210.2011.pdf

**02413210 LITTLE TALLAPOOSA R AT GA 100, NEAR BOWDON, GA—Continued**

**DISCHARGE, CUBIC FEET PER SECOND**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
**DAILY MEAN VALUES**
[e, estimated]

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 31 | 108 | 412 | 141 | 155 | 432 | 658 | 174 | 57 | 46 | 34 | 4.4 |
| 2 | 27 | 84 | 379 | 316 | 784 | 370 | 521 | 152 | 51 | 40 | 32 | 4.5 |
| 3 | 24 | 74 | 232 | 311 | 821 | 285 | 449 | 142 | 47 | 37 | 26 | 4.4 |
| 4 | 25 | 73 | 173 | 233 | 677 | 240 | 406 | 152 | 42 | 34 | 22 | 4.3 |
| 5 | 24 | 76 | 148 | 194 | 1,010 | 231 | 567 | 158 | 38 | 38 | 22 | e15 |
| 6 | 22 | 73 | 132 | 182 | 820 | 766 | 657 | 145 | 38 | 33 | 23 | 112 |
| 7 | 21 | 69 | 123 | 169 | 542 | 912 | 517 | 133 | 36 | 49 | 26 | 165 |
| 8 | 20 | 68 | 113 | 156 | 402 | 607 | 440 | 125 | 33 | 52 | 32 | 81 |
| 9 | 21 | 68 | 109 | 145 | 324 | 1,190 | 401 | 120 | 30 | 41 | 29 | 48 |
| 10 | 20 | 63 | 108 | 147 | 288 | 1,970 | 375 | 113 | 40 | 34 | 23 | 37 |
| 11 | 19 | 61 | 107 | 165 | 262 | 1,870 | 352 | 107 | 42 | 34 | 18 | 31 |
| 12 | 20 | 59 | 146 | 177 | 239 | 1,460 | 382 | 102 | 47 | 34 | 17 | 25 |
| 13 | 19 | 58 | 186 | 160 | 223 | 846 | 401 | 95 | 50 | 29 | 14 | 21 |
| 14 | 18 | 61 | 161 | 147 | 212 | 565 | 352 | 91 | 45 | 26 | 13 | 19 |
| 15 | 17 | 317 | 135 | 149 | 200 | 928 | 337 | 88 | 41 | 37 | 13 | 17 |
| 16 | 19 | 666 | 129 | 155 | 192 | 1,070 | 767 | 89 | 43 | 40 | 12 | 16 |
| 17 | 19 | 354 | 141 | 158 | 184 | 732 | 1,060 | 91 | 47 | 37 | 11 | 15 |
| 18 | 21 | 208 | 145 | 159 | 179 | 548 | 847 | 89 | 69 | 34 | 9.3 | 15 |
| 19 | 22 | 153 | 142 | 160 | 176 | 473 | 535 | 85 | 78 | 30 | 8.0 | 16 |
| 20 | 24 | 124 | 135 | 153 | 171 | 424 | 419 | 82 | 67 | 29 | 7.4 | 15 |
| 21 | 25 | 111 | 127 | 147 | 168 | 391 | 383 | 80 | 53 | 59 | 7.8 | 19 |
| 22 | 26 | 102 | 119 | 143 | 163 | 368 | 370 | 76 | 48 | 217 | 7.6 | 21 |
| 23 | 21 | 99 | 115 | 136 | 157 | 350 | 340 | 70 | 86 | 114 | 7.4 | 112 |
| 24 | 18 | 118 | 112 | 128 | 153 | 331 | 317 | 66 | 99 | 62 | 6.9 | 302 |
| 25 | 31 | 118 | 110 | 125 | 192 | 317 | 298 | 62 | 111 | 48 | 6.0 | 128 |
| 26 | 51 | 112 | 123 | 156 | 246 | 310 | 277 | 58 | 149 | 39 | 5.7 | 67 |
| 27 | 526 | 108 | 130 | 185 | 213 | 555 | 274 | 67 | 112 | 32 | 5.4 | 46 |
| 28 | 825 | 98 | 122 | 173 | 208 | 798 | 302 | 83 | 84 | 28 | 4.9 | 41 |
| 29 | 392 | 92 | 118 | 156 | --- | 841 | 310 | 80 | 68 | 25 | 4.5 | 35 |
| 30 | 187 | 125 | 116 | 145 | --- | 1,010 | 235 | 70 | 55 | 43 | 4.3 | 28 |
| 31 | 131 | --- | 115 | 140 | --- | 928 | --- | 63 | --- | 39 | 4.2 | --- |
| Total | 2,666 | 3,900 | 4,663 | 5,211 | 9,361 | 22,118 | 13,549 | 3,108 | 1,806 | 1,440 | 456.4 | 1,464.6 |
| Mean | 86.0 | 130 | 150 | 168 | 334 | 713 | 452 | 100 | 60.2 | 46.5 | 14.7 | 48.8 |
| Max | 825 | 666 | 412 | 316 | 1,010 | 1,970 | 1,060 | 174 | 149 | 217 | 34 | 302 |
| Min | 17 | 58 | 107 | 125 | 153 | 231 | 235 | 58 | 30 | 25 | 4.2 | 4.3 |
| Cfsm | 0.35 | 0.53 | 0.61 | 0.69 | 1.36 | 2.91 | 1.84 | 0.41 | 0.25 | 0.19 | 0.06 | 0.20 |
| In. | 0.40 | 0.59 | 0.71 | 0.79 | 1.42 | 3.36 | 2.06 | 0.47 | 0.27 | 0.22 | 0.07 | 0.22 |

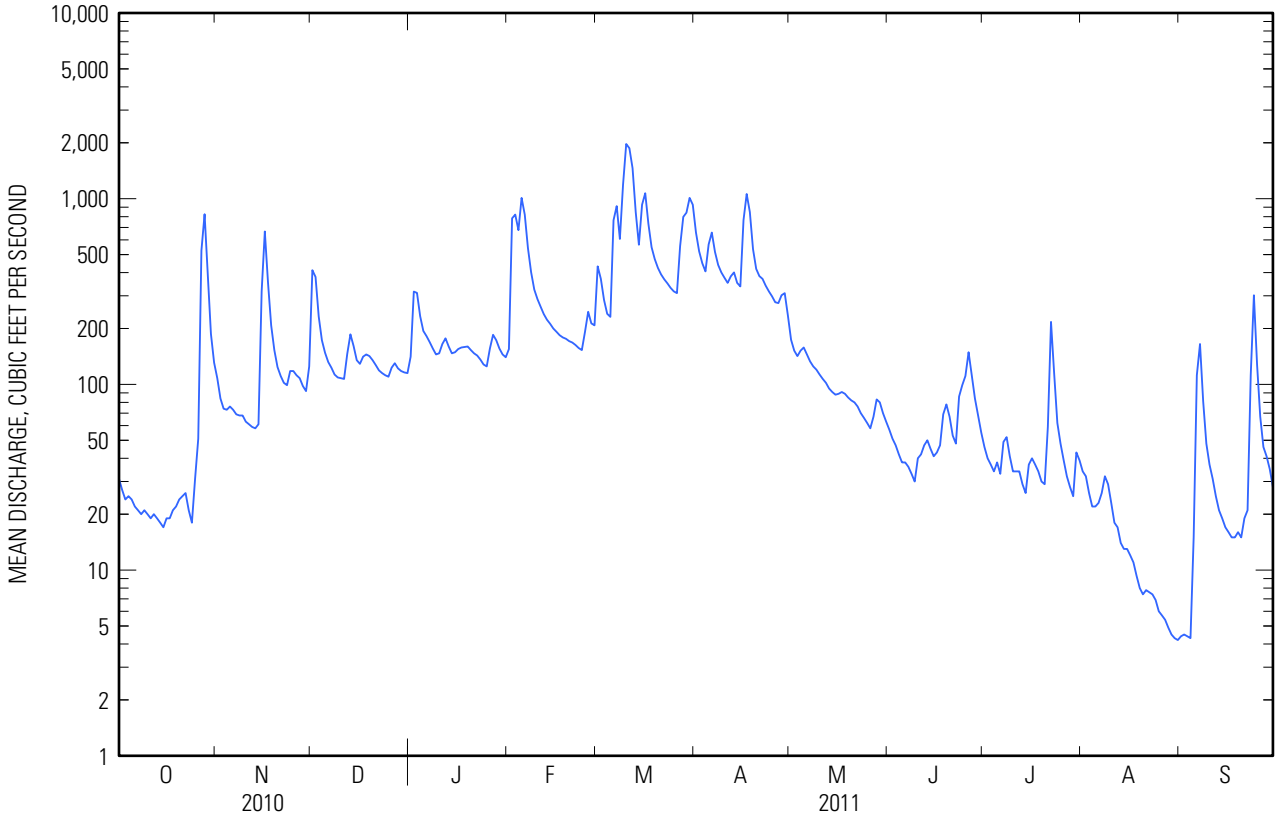
**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2011, BY WATER YEAR (WY)**

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mean | 189 | 277 | 557 | 364 | 437 | 554 | 433 | 282 | 110 | 203 | 48.6 | 272 |
| Max | 639 | 892 | 1,279 | 763 | 878 | 948 | 535 | 549 | 216 | 910 | 68.8 | 1,069 |
| (WY) | (2010) | (2010) | (2010) | (2010) | (2010) | (2010) | (2000) | (2010) | (2010) | (2003) | (2004) | (2009) |
| Min | 26.2 | 34.4 | 150 | 168 | 158 | 243 | 249 | 100 | 44.3 | 29.3 | 14.7 | 20.5 |
| (WY) | (2009) | (2009) | (2011) | (2011) | (2009) | (2004) | (2002) | (2011) | (2008) | (2008) | (2011) | (2008) |

**02413210 LITTLE TALLAPOOSA R AT GA 100, NEAR BOWDON, GA—Continued**

**SUMMARY STATISTICS**

| | Calendar Year 2010 | | Water Year 2011 | | Water Years 2000 - 2011 | |
|---|---|---|---|---|---|---|
| **Annual total** | 128,645 | | 69,743.0 | | | |
| **Annual mean** | 352 | | 191 | | 345 | |
| **Highest annual mean** | | | | | 558 | 2010 |
| **Lowest annual mean** | | | | | 191 | 2011 |
| **Highest daily mean** | 3,690 | Mar 12 | 1,970 | Mar 10 | 6,610 | Sep 22, 2009 |
| **Lowest daily mean** | 12 | Sep 21 | 4.2 | Aug 31 | 3.6 | Oct 7, 2008 |
| **Annual seven-day minimum** | 13 | Sep 18 | 4.4 | Aug 29 | 4.4 | Aug 29, 2011 |
| **Maximum peak flow** | | | 2,140 | Mar 9 | | |
| **Maximum peak stage** | | | 10.71 | Mar 9 | 18.48 | Sep 22, 2009 |
| **Annual runoff (cfsm)** | 1.44 | | 0.780 | | 1.41 | |
| **Annual runoff (inches)** | 19.53 | | 10.59 | | 19.15 | |
| **10 percent exceeds** | 696 | | 491 | | 788 | |
| **50 percent exceeds** | 172 | | 111 | | 144 | |
| **90 percent exceeds** | 24 | | 19 | | 26 | |



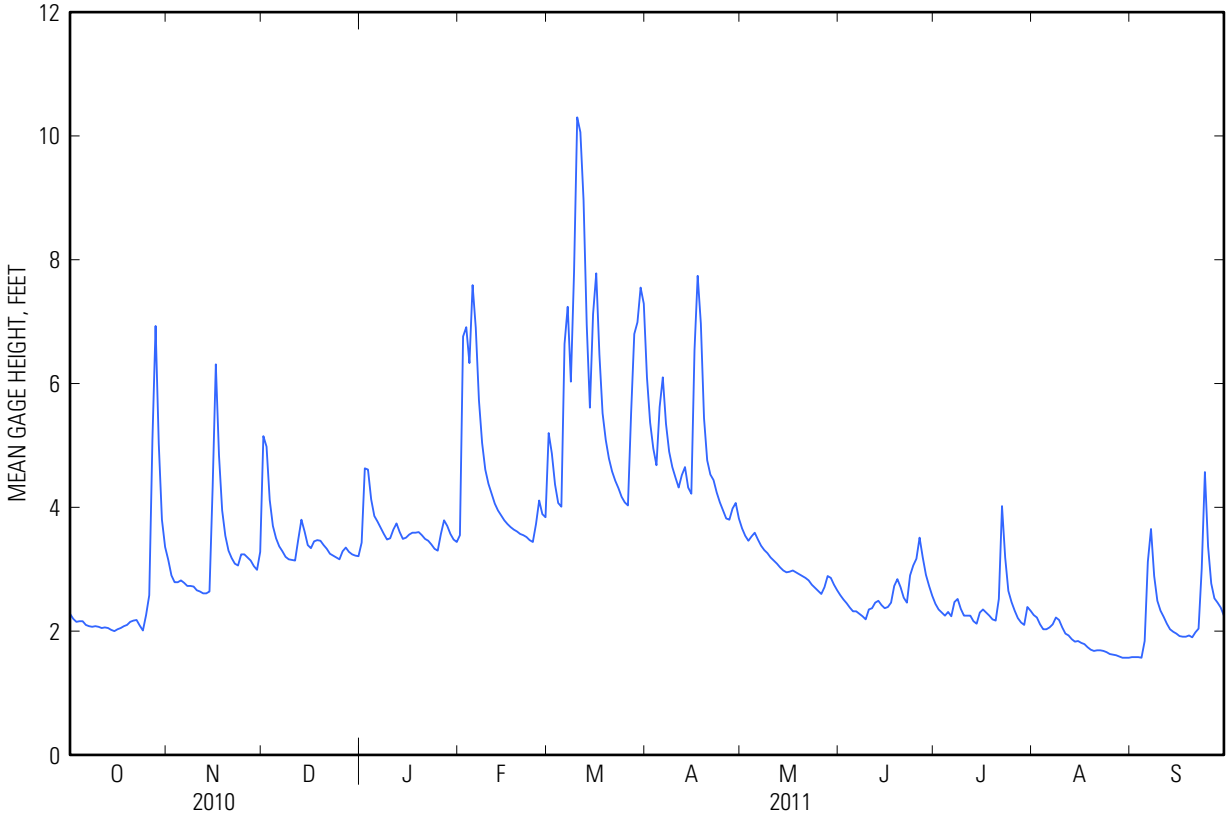
**02413210 LITTLE TALLAPOOSA R AT GA 100, NEAR BOWDON, GA—Continued**

**GAGE HEIGHT, FEET**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.28 | 3.15 | 5.15 | 3.43 | 3.55 | 5.20 | 6.10 | 3.66 | 2.58 | 2.44 | 2.26 | 1.58 |
| 2 | 2.20 | 2.90 | 4.98 | 4.63 | 6.76 | 4.87 | 5.37 | 3.54 | 2.51 | 2.35 | 2.22 | 1.58 |
| 3 | 2.15 | 2.79 | 4.12 | 4.61 | 6.91 | 4.37 | 4.95 | 3.46 | 2.45 | 2.30 | 2.11 | 1.58 |
| 4 | 2.16 | 2.79 | 3.70 | 4.13 | 6.33 | 4.07 | 4.68 | 3.53 | 2.38 | 2.25 | 2.03 | 1.57 |
| 5 | 2.16 | 2.82 | 3.50 | 3.86 | 7.59 | 4.01 | 5.62 | 3.59 | 2.32 | 2.31 | 2.03 | 1.84 |
| 6 | 2.10 | 2.78 | 3.37 | 3.77 | 6.90 | 6.64 | 6.10 | 3.48 | 2.32 | 2.24 | 2.06 | 3.12 |
| 7 | 2.08 | 2.73 | 3.29 | 3.67 | 5.73 | 7.24 | 5.35 | 3.38 | 2.28 | 2.47 | 2.11 | 3.65 |
| 8 | 2.07 | 2.73 | 3.20 | 3.57 | 5.04 | 6.03 | 4.90 | 3.31 | 2.24 | 2.52 | 2.22 | 2.89 |
| 9 | 2.08 | 2.72 | 3.16 | 3.48 | 4.61 | 7.80 | 4.65 | 3.26 | 2.19 | 2.36 | 2.18 | 2.49 |
| 10 | 2.07 | 2.66 | 3.15 | 3.50 | 4.38 | 10.30 | 4.48 | 3.19 | 2.35 | 2.25 | 2.06 | 2.33 |
| 11 | 2.05 | 2.64 | 3.14 | 3.64 | 4.22 | 10.06 | 4.32 | 3.14 | 2.37 | 2.25 | 1.96 | 2.23 |
| 12 | 2.06 | 2.61 | 3.48 | 3.74 | 4.06 | 8.96 | 4.52 | 3.09 | 2.46 | 2.25 | 1.93 | 2.12 |
| 13 | 2.05 | 2.61 | 3.80 | 3.60 | 3.95 | 6.95 | 4.65 | 3.03 | 2.49 | 2.16 | 1.87 | 2.03 |
| 14 | 2.02 | 2.64 | 3.61 | 3.49 | 3.87 | 5.61 | 4.32 | 2.98 | 2.42 | 2.12 | 1.83 | 1.99 |
| 15 | 2.00 | 4.33 | 3.39 | 3.51 | 3.79 | 7.12 | 4.22 | 2.95 | 2.37 | 2.30 | 1.84 | 1.96 |
| 16 | 2.03 | 6.31 | 3.34 | 3.56 | 3.73 | 7.78 | 6.54 | 2.96 | 2.39 | 2.35 | 1.81 | 1.92 |
| 17 | 2.05 | 4.84 | 3.45 | 3.59 | 3.68 | 6.47 | 7.74 | 2.98 | 2.46 | 2.30 | 1.79 | 1.91 |
| 18 | 2.08 | 3.95 | 3.47 | 3.59 | 3.64 | 5.52 | 6.97 | 2.95 | 2.73 | 2.25 | 1.74 | 1.91 |
| 19 | 2.10 | 3.54 | 3.46 | 3.60 | 3.61 | 5.09 | 5.44 | 2.92 | 2.84 | 2.19 | 1.70 | 1.93 |
| 20 | 2.15 | 3.30 | 3.39 | 3.55 | 3.57 | 4.79 | 4.76 | 2.89 | 2.71 | 2.17 | 1.68 | 1.90 |
| 21 | 2.17 | 3.18 | 3.33 | 3.49 | 3.55 | 4.58 | 4.53 | 2.86 | 2.54 | 2.52 | 1.69 | 1.98 |
| 22 | 2.18 | 3.09 | 3.25 | 3.46 | 3.52 | 4.43 | 4.44 | 2.82 | 2.46 | 4.02 | 1.69 | 2.04 |
| 23 | 2.09 | 3.06 | 3.22 | 3.40 | 3.47 | 4.31 | 4.24 | 2.75 | 2.90 | 3.19 | 1.68 | 3.01 |
| 24 | 2.01 | 3.24 | 3.19 | 3.33 | 3.44 | 4.17 | 4.08 | 2.70 | 3.06 | 2.65 | 1.66 | 4.57 |
| 25 | 2.26 | 3.24 | 3.16 | 3.30 | 3.73 | 4.08 | 3.95 | 2.65 | 3.17 | 2.47 | 1.63 | 3.37 |
| 26 | 2.58 | 3.19 | 3.29 | 3.57 | 4.11 | 4.03 | 3.82 | 2.60 | 3.51 | 2.33 | 1.62 | 2.77 |
| 27 | 5.09 | 3.14 | 3.35 | 3.79 | 3.89 | 5.52 | 3.80 | 2.71 | 3.19 | 2.21 | 1.61 | 2.53 |
| 28 | 6.93 | 3.05 | 3.28 | 3.70 | 3.84 | 6.80 | 3.98 | 2.89 | 2.91 | 2.14 | 1.59 | 2.46 |
| 29 | 5.03 | 2.99 | 3.24 | 3.57 | --- | 6.99 | 4.07 | 2.86 | 2.73 | 2.10 | 1.57 | 2.38 |
| 30 | 3.80 | 3.28 | 3.22 | 3.48 | --- | 7.55 | 3.82 | 2.75 | 2.57 | 2.39 | 1.57 | 2.25 |
| 31 | 3.36 | --- | 3.21 | 3.44 | --- | 7.29 | --- | 2.66 | --- | 2.33 | 1.57 | --- |
| Mean | 2.56 | 3.21 | 3.48 | 3.65 | 4.48 | 6.08 | 4.88 | 3.05 | 2.60 | 2.39 | 1.85 | 2.33 |

| | Water Year 2011 |
|---|---|
| Mean | 3.37 |

**02413210 LITTLE TALLAPOOSA R AT GA 100, NEAR BOWDON, GA—Continued**



**02413210 LITTLE TALLAPOOSA R AT GA 100, NEAR BOWDON, GA—Continued**

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1974 to February 1994, January 1996 to December 1996, January 2001 to current year.

REMARKS.--Analyzing agency is represented by the five-digit code listed under USGS Water Science Center special parameter code 99920. Laboratory analyses with analyzing agency code 81341 are by the Laboratory Services Section, Environmental Protection Division, Georgia Department of Natural Resources. Laboratory analyses with analyzing agency code 81330 are by the Agricultural and Environmental Services Laboratories, University of Georgia, Athens, GA. Field determinations of Discharge, Specific Conductance, pH, Water Temperature, Air Temperature, and Dissolved Oxygen are by the U.S. Geological Survey.

COOPERATION.--Georgia Department of Natural Resources, Environmental Protection Division.

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 3

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; $ft^3/s$, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; USGS-WRD, U.S. Geological Survey-Water Resources Discipline; <, less than; EST, Eastern Standard Time]

| Date | Sample start time | Sample time datum | Collecting agency cd | Barometric pressure, mm Hg (00025) | Tempera-ture, air, °C (00020) | Discharge, instanta-neous, $ft^3/s$ (00061) | Dissolved oxygen, water, unfiltered, mg/L (00300) | Dissolved oxygen, water, unfiltered, % saturation (00301) | pH, water, unfiltered, field, standard units (00400) | pH, water, unfiltered, laboratory, standard units (00403) |
|---|---|---|---|---|---|---|---|---|---|---|
| **10-25-2010** | **1020** | EST | USGS-WRD | 746 | 21.1 | 29 | 7.5 | -- | 6.8 | 7.3 |
| **11-15-2010** | **1130** | EST | USGS-WRD | 746 | 13.6 | 173 | 10.0 | 94 | 6.9 | 7.1 |
| **12-14-2010** | **1140** | EST | USGS-WRD | 751 | -.6 | 165 | 10.4 | 75 | -- | 7.3 |
| **01-24-2011** | **1110** | EST | USGS-WRD | 750 | 10.0 | 127 | 12.8 | 98 | 7.0 | 7.4 |
| **01-24-2011** | **1115** | EST | USGS-WRD | 750 | 10.0 | 127 | 12.8 | 98 | 7.0 | -- |
| **01-31-2011** | **1105** | EST | USGS-WRD | 751 | 14.1 | 139 | 11.9 | 102 | 6.9 | -- |
| **02-14-2011** | **1000** | EST | USGS-WRD | 739 | 9.4 | 212 | 11.8 | 96 | 6.8 | -- |
| **02-22-2011** | **1050** | EST | USGS-WRD | 746 | 18.3 | 163 | 10.2 | 99 | 7.1 | 7.4 |
| **02-22-2011** | **1055** | EST | USGS-WRD | 746 | 18.3 | 163 | 10.2 | 99 | 7.1 | -- |
| **03-21-2011** | **0900** | EST | USGS-WRD | 745 | 15.9 | 395 | 8.7 | 89 | 6.8 | 7.0 |
| **03-21-2011** | **0905** | EST | USGS-WRD | 745 | 15.9 | 395 | 8.7 | 89 | 6.8 | -- |
| **03-28-2011** | **0955** | EST | USGS-WRD | 750 | 10.8 | 814 | 8.3 | 83 | 6.6 | -- |
| **04-04-2011** | **0855** | EST | USGS-WRD | 738 | 17.7 | 410 | 8.8 | 90 | 6.9 | -- |
| **04-11-2011** | **0910** | EST | USGS-WRD | 738 | 22.1 | 354 | 7.8 | 87 | 7.0 | 7.3 |
| **04-11-2011** | **0915** | EST | USGS-WRD | 738 | 22.1 | 354 | 7.8 | 87 | 7.0 | -- |
| **05-03-2011** | **1000** | EST | USGS-WRD | 750 | 23.6 | 140 | 8.4 | 93 | 7.1 | 7.0 |
| **06-13-2011** | **0950** | EST | USGS-WRD | 750 | 27.1 | 52 | 7.0 | 83 | 7.0 | 7.0 |
| **06-13-2011** | **0955** | EST | USGS-WRD | 750 | 27.1 | 52 | 7.0 | 83 | 7.0 | -- |
| **06-20-2011** | **0650** | EST | USGS-WRD | 738 | 24.4 | 68 | 6.6 | 83 | 7.2 | -- |
| **06-27-2011** | **0955** | EST | USGS-WRD | 750 | 26.7 | 113 | 7.1 | 86 | 7.0 | -- |
| **07-11-2011** | **0820** | EST | USGS-WRD | 742 | 25.1 | 32 | 6.4 | 81 | 7.0 | 6.8 |
| **07-11-2011** | **0825** | EST | USGS-WRD | 742 | 25.1 | 32 | 6.4 | 81 | 7.0 | -- |
| **08-15-2011** | **0700** | EST | USGS-WRD | 739 | 17.6 | 13 | 6.3 | 78 | 7.2 | 7.0 |
| **08-15-2011** | **0705** | EST | USGS-WRD | 739 | 17.6 | 13 | 6.3 | 78 | 7.2 | -- |
| **08-22-2011** | **0925** | EST | USGS-WRD | 744 | 28.9 | 7.7 | 6.3 | 79 | 7.0 | -- |
| **08-29-2011** | **0700** | EST | USGS-WRD | 738 | 16.3 | 4.5 | 5.7 | 69 | 7.1 | -- |
| **09-12-2011** | **1000** | EST | USGS-WRD | 743 | 25.2 | 26 | 7.5 | 86 | 6.8 | 6.6 |
| **09-12-2011** | **1005** | EST | USGS-WRD | 743 | 25.2 | 26 | 7.5 | 86 | 6.8 | -- |

**02413210 LITTLE TALLAPOOSA R AT GA 100, NEAR BOWDON, GA—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 2 of 3

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; $ft^3/s$, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; USGS-WRD, U.S. Geological Survey-Water Resources Discipline; <, less than; EST, Eastern Standard Time]

| Date | Sample start time | Specific conductance, water, unfiltered, laboratory, µS/cm at 25 °C (90095) | Specific conductance, water, unfiltered, µS/cm at 25 °C (00095) | Temperature, water, °C (00010) | Biochemical oxygen demand, water, unfiltered, 5 days at 20 °C, mg/L (00310) | Hardness, water, mg/L as $CaCO_3$ (00900) | Suspended solids, water, unfiltered, mg/L (00530) | Turbidity, water, unfiltered, laboratory, nephelometric turbidity units (82079) | ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as $CaCO_3$ (00417) | Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625) |
|---|---|---|---|---|---|---|---|---|---|---|
| 10-25-2010 | 1020 | 77 | -- | 16.0 | < 2.0 | 16 | 5.8 | 12 | 17 | .220 |
| 11-15-2010 | 1130 | 73 | 74 | 12.0 | 2.2 | 16 | 42 | 40 | 14 | .400 |
| 12-14-2010 | 1140 | -- | 74 | 1.5 | < 2.0 | 17 | 4.2 | 8.9 | 14 | < .200 |
| 01-24-2011 | 1110 | 73 | 74 | 3.6 | < 2.0 | 17 | 1.8 | 5.1 | 14 | < .200 |
| 01-24-2011 | 1115 | -- | 74 | 3.6 | -- | -- | -- | -- | -- | -- |
| 01-31-2011 | 1105 | -- | 70 | 8.1 | -- | -- | -- | -- | -- | -- |
| 02-14-2011 | 1000 | -- | 66 | 5.5 | -- | -- | -- | -- | -- | -- |
| 02-22-2011 | 1050 | 61 | 61 | 13.4 | < 2.0 | 16 | 7.2 | 8.7 | 14 | < .200 |
| 02-22-2011 | 1055 | -- | 61 | 13.4 | -- | -- | -- | -- | -- | -- |
| 03-21-2011 | 0900 | 75 | 56 | 15.8 | < 2.0 | 6 | 24 | 12 | 13 | .270 |
| 03-21-2011 | 0905 | -- | 56 | 15.8 | -- | -- | -- | -- | -- | -- |
| 03-28-2011 | 0955 | -- | 52 | 14.4 | -- | -- | -- | -- | -- | -- |
| 04-04-2011 | 0855 | -- | 56 | 15.0 | -- | -- | -- | -- | -- | -- |
| 04-11-2011 | 0910 | 59 | 58 | 19.5 | < 2.0 | 15 | 24 | 13 | 14 | .370 |
| 04-11-2011 | 0915 | -- | 58 | 19.5 | -- | -- | -- | -- | -- | -- |
| 05-03-2011 | 1000 | 62 | 62 | 19.8 | < 2.0 | 17 | 18 | 15 | 17 | .270 |
| 06-13-2011 | 0950 | 65 | 66 | 23.3 | < 2.0 | 18 | 10 | 11 | 20 | .260 |
| 06-13-2011 | 0955 | -- | 66 | 23.3 | -- | -- | -- | -- | -- | -- |
| 06-20-2011 | 0650 | -- | 85 | 25.1 | -- | -- | -- | -- | -- | -- |
| 06-27-2011 | 0955 | -- | 66 | 24.3 | -- | -- | -- | -- | -- | -- |
| 07-11-2011 | 0820 | 66 | 68 | 25.9 | < 2.0 | 17 | 24 | 18 | 21 | .420 |
| 07-11-2011 | 0825 | -- | 68 | 25.9 | -- | -- | -- | -- | -- | -- |
| 08-15-2011 | 0700 | 79 | 82 | 25.0 | < 2.0 | 21 | 11 | 5.0 | 26 | .230 |
| 08-15-2011 | 0705 | -- | 82 | 25.0 | -- | -- | -- | -- | -- | -- |
| 08-22-2011 | 0925 | -- | 75 | 25.8 | -- | -- | -- | -- | -- | -- |
| 08-29-2011 | 0700 | -- | 84 | 23.4 | -- | -- | -- | -- | -- | -- |
| 09-12-2011 | 1000 | 70 | 72 | 20.7 | < 2.0 | 17 | 9.0 | 8.1 | 13 | < .200 |
| 09-12-2011 | 1005 | -- | 72 | 20.7 | -- | -- | -- | -- | -- | -- |

**02413210 LITTLE TALLAPOOSA R AT GA 100, NEAR BOWDON, GA—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**
Part 3 of 3

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; MPN/100 mL, most probable number per 100 milliliters; N, nitrogen; P, phosphorus; $ft^3/s$, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; USGS-WRD, U.S. Geological Survey-Water Resources Discipline; <, less than; EST, Eastern Standard Time]

| Date | Sample start time | Ammonia, water, unfiltered, mg/L as N (00610) | Nitrate plus nitrite, water, unfiltered, mg/L as N (00630) | Orthophos-phate, water, filtered, mg/L as P (00671) | Phosphorus, water, unfiltered, mg/L as P (00665) | Fecal coliform, A-1 broth method, 44.5 °C, 24 hours, water, MPN/100 mL (31621) | Fecal coliform, EC broth method, water, MPN/100 mL (31615) | Organic carbon, water, unfiltered, mg/L (00680) | USGS Water Science Center special 99920 (99920) |
|---|---|---|---|---|---|---|---|---|---|
| **10-25-2010** | **1020** | < .030 | .120 | < .0400 | .04 | -- | -- | 3.3 | 81341 |
| **11-15-2010** | **1130** | < .030 | .300 | < .0400 | .11 | -- | -- | 4.7 | 81341 |
| **12-14-2010** | **1140** | .040 | .340 | < .0400 | .04 | -- | -- | 3.7 | 81341 |
| **01-24-2011** | **1110** | < .030 | .500 | < .0400 | .08 | -- | -- | 2.0 | 81341 |
| **01-24-2011** | **1115** | -- | -- | -- | -- | -- | 40 | -- | 81341 |
| **01-31-2011** | **1105** | -- | -- | -- | -- | -- | 65 | -- | 81341 |
| **02-14-2011** | **1000** | -- | -- | -- | -- | -- | 130 | -- | 81341 |
| **02-22-2011** | **1050** | < .030 | .280 | < .0400 | .05 | -- | -- | 2.6 | 81341 |
| **02-22-2011** | **1055** | -- | -- | -- | -- | -- | 80 | -- | 81341 |
| **03-21-2011** | **0900** | < .030 | .280 | < .0400 | .10 | -- | -- | 2.7 | 81341 |
| **03-21-2011** | **0905** | -- | -- | -- | -- | 300 | -- | -- | 81330 |
| **03-28-2011** | **0955** | -- | -- | -- | -- | -- | 3,000 | -- | 81341 |
| **04-04-2011** | **0855** | -- | -- | -- | -- | -- | 300 | -- | 81341 |
| **04-11-2011** | **0910** | < .030 | .280 | < .0400 | .07 | -- | -- | 3.4 | 81341 |
| **04-11-2011** | **0915** | -- | -- | -- | -- | -- | 130 | -- | 81341 |
| **05-03-2011** | **1000** | < .030 | .330 | < .0400 | .07 | -- | -- | 2.7 | 81341 |
| **06-13-2011** | **0950** | .040 | .340 | < .0400 | .07 | -- | -- | 3.3 | 81341 |
| **06-13-2011** | **0955** | -- | -- | -- | -- | -- | 500 | -- | 81341 |
| **06-20-2011** | **0650** | -- | -- | -- | -- | -- | 110 | -- | 81341 |
| **06-27-2011** | **0955** | -- | -- | -- | -- | -- | 260 | -- | 81341 |
| **07-11-2011** | **0820** | < .030 | .270 | < .0400 | .07 | -- | -- | 2.7 | 81341 |
| **07-11-2011** | **0825** | -- | -- | -- | -- | -- | 140 | -- | 81341 |
| **08-15-2011** | **0700** | < .030 | .120 | < .0400 | .05 | -- | -- | 2.4 | 81341 |
| **08-15-2011** | **0705** | -- | -- | -- | -- | -- | 70 | -- | 81341 |
| **08-22-2011** | **0925** | -- | -- | -- | -- | -- | 200 | -- | 81341 |
| **08-29-2011** | **0700** | -- | -- | -- | -- | -- | 130 | -- | 81341 |
| **09-12-2011** | **1000** | .050 | .120 | < .0400 | .05 | -- | -- | 4.2 | 81341 |
| **09-12-2011** | **1005** | -- | -- | -- | -- | -- | 30 | -- | 81341 |