# ANNUAL PEAK DISCHARGES AND STAGES FOR GAGING STATIONS IN GEORGIA THROUGH SEPTEMBER 1990

By Glen W. Hess and Timothy C. Stamey

U.S. GEOLOGICAL SURVEY

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## U.S. DEPARTMENT OF THE INTERIOR

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## CONVERSION FACTORS, VERTICAL DATUM, AND ACRONYMS

| *Multiply* | *By* | *To obtain* |
|---|---|---|
| | *Length* | |
| foot (ft) | 0.3048 | meter |
| mile (mi) | 1.609 | kilometer |
| | *Flow* | |
| cubic foot per second ($ft^3/s$) | 0.02832 | cubic meter per second |
| | *Area* | |
| square mile ($mi^2$) | 2.590 | square kilometer |

## VERTICAL DATUM

**Sea Level**--In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

## ACRONYMS

| | |
|---|---|
| USGS | U.S. Geological Survey |
| GDOT | Georgia Department of Transportation |

# ANNUAL PEAK DISCHARGES AND STAGES FOR GAGING STATIONS IN GEORGIA THROUGH SEPTEMBER 1990

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## ABSTRACT

A knowledge of annual peak discharges and stages can provide a better understanding of the hydrologic and hydraulic characteristics of flooding at a particular stream site. Annual peak-discharge and stage data are needed for flood-frequency analyses of streamflow commonly used in the design of hydraulic structures in a flood plain, flood-plain management, and other uses by urban planners and engineers. Annual peak discharges and stages through September 30, 1990, and historical flood data from as early as 1796, were compiled for 493 gaging stations in Georgia having 5 or more years of record. These data include other information on station location, description, drainage area, type of gage(s), description of the stage-discharge relation, and historical data.

## INTRODUCTION

Knowledge of annual peak discharges and stage information can provide a better understanding of the hydrologic and hydraulic characteristics at a particular stream site. Annual peak-discharge data and stage are used in flood-frequency studies. Knowledge of the magnitude and frequency of floods is essential for the design of hydraulic structures, such as bridges, culverts, embankments, dams, and levees in a flood plain; flood-plain management; and other uses, such as flood warning, flood forecasting, and reservoir design. Flood-plain management includes flood-plain zoning, land-use regulations, and establishing flood boundaries and flood-insurance rates.

This report presents annual peak discharges and stages and randomly collected historic peaks dating as far back as 1796 for 493 gaging stations in Georgia having five or more years of record. These discharge data can be used to determine the magnitude and frequency of floods at a particular stream site. The value of gaging station statistics lies in the transferability of flood information from gaged sites to ungaged sites using regionalization techniques, which was used to prepare a companion report entitled, "Techniques for Estimating Magnitude and Frequency of Floods in Rural Basins in Georgia" (Stamey and Hess, 1992). Reports presenting the results of previous flood studies conducted in the State are listed in the "Selected References" of this report.

This report was prepared as part of an ongoing cooperative program of water-resources investigations between the U.S. Geological Survey (USGS) and the Georgia Department of Transportation (GDOT), Highway Division, and is based on data collected and published by the USGS for many years. These data were collected as part of various cooperative programs between the USGS and other Federal, State, and local agencies. The principal cooperating agencies that helped fund the collection of annual peak-discharge and stage data, and other streamflow data in Georgia, are

Georgia Department of Transportation
Highway Division
Georgia Department of Natural Resources
Environmental Protection Division
Georgia Geologic Survey
Tennessee Valley Authority
U.S. Army Corps of Engineers
Savannah District
Mobile District
U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service

The authors also wish to thank the Georgia Power Company for assisting in the data-collection program.

## ANNUAL PEAK DISCHARGES AND STAGE DATA FOR STREAMFLOW-GAGING STATIONS IN GEORGIA

Data were collected primarily by the USGS in cooperation with various Federal, State, and local agencies. Annual peak discharge and stage data for 493 gaging stations having 5 or more years of record are presented in this report. A network of continuous-record streamflow stations was established between the late 1800's to 1950 to define the flow characteristics of large streams (drainage areas more than 500 $mi^2$). Many crest-stage gages were installed in the early 1950's to determine annual flood-peak stages on medium-size streams (drainage areas 20 to 500 $mi^2$) in the selected areas of insufficient geographic coverage in the State. A flood-frequency program on small streams (drainage areas less than 20 $mi^2$) began in 1964 when more than 100 flood hydrograph and rainfall gages were installed. Data were collected at these sites for 10 or more years. Additional small stream gages were included in the program in 1976 and 1984 to insure a better geographical coverage of annual peak data.

The streamflow-gaging stations included in this report are shown in figures 1-5, and are listed alphabetically in table 1 [at the back of this report], along with map numbers (from figures 1-5), figure number, station numbers, and page numbers where data are located. The annual peak-discharge and stage data, station location, drainage area, type of gage(s), description of the stage-discharge relation, available randomly collected historical data, and other pertinent remarks are given in table 2 [at the back of this report].

## SUMMARY

Annual peak discharges and stages through September 30, 1990, and historical peaks as early as 1796 were compiled for 493 streamflow-gaging stations in Georgia having 5 or more years of record. Thee data are presented in this report along with information on the location, drainage area, type of gage(s), stage-discharge relation, available randomly collected historical data, and other pertinent remarks. These data can help planners and managers to better understand the hydrologic and hydraulic characteristics at a particular stream site, and are necessary for determining magnitude and frequency of floods. The annual peak discharges in this report were used to determine the frequency of floods in Georgia, described in a companion report entitled, "Techniques for Estimating Magnitude and Frequency of Floods in Rural Basins in Georgia".

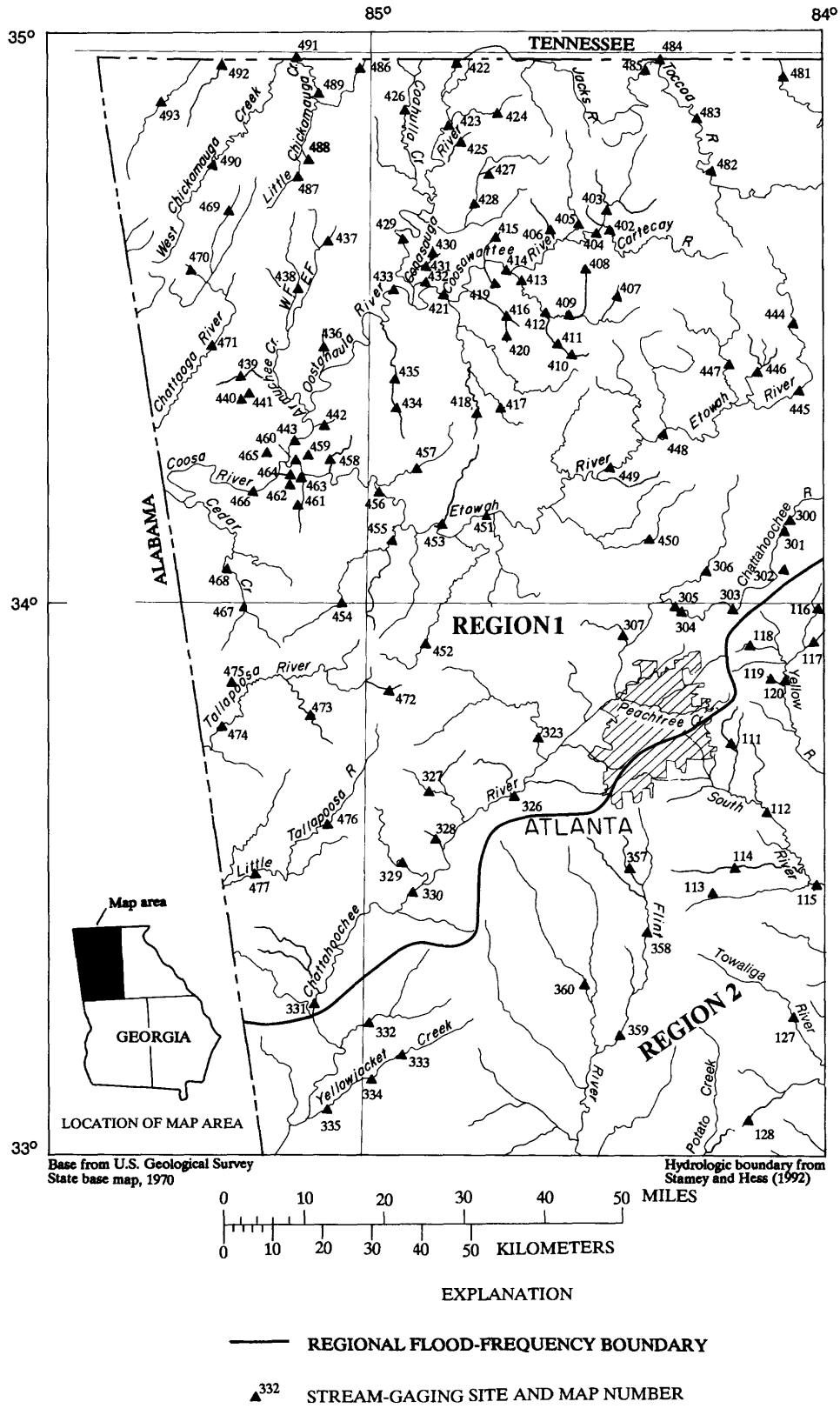



**Figure 1.--Regional boundary and gaging stations in northwestern Georgia.**

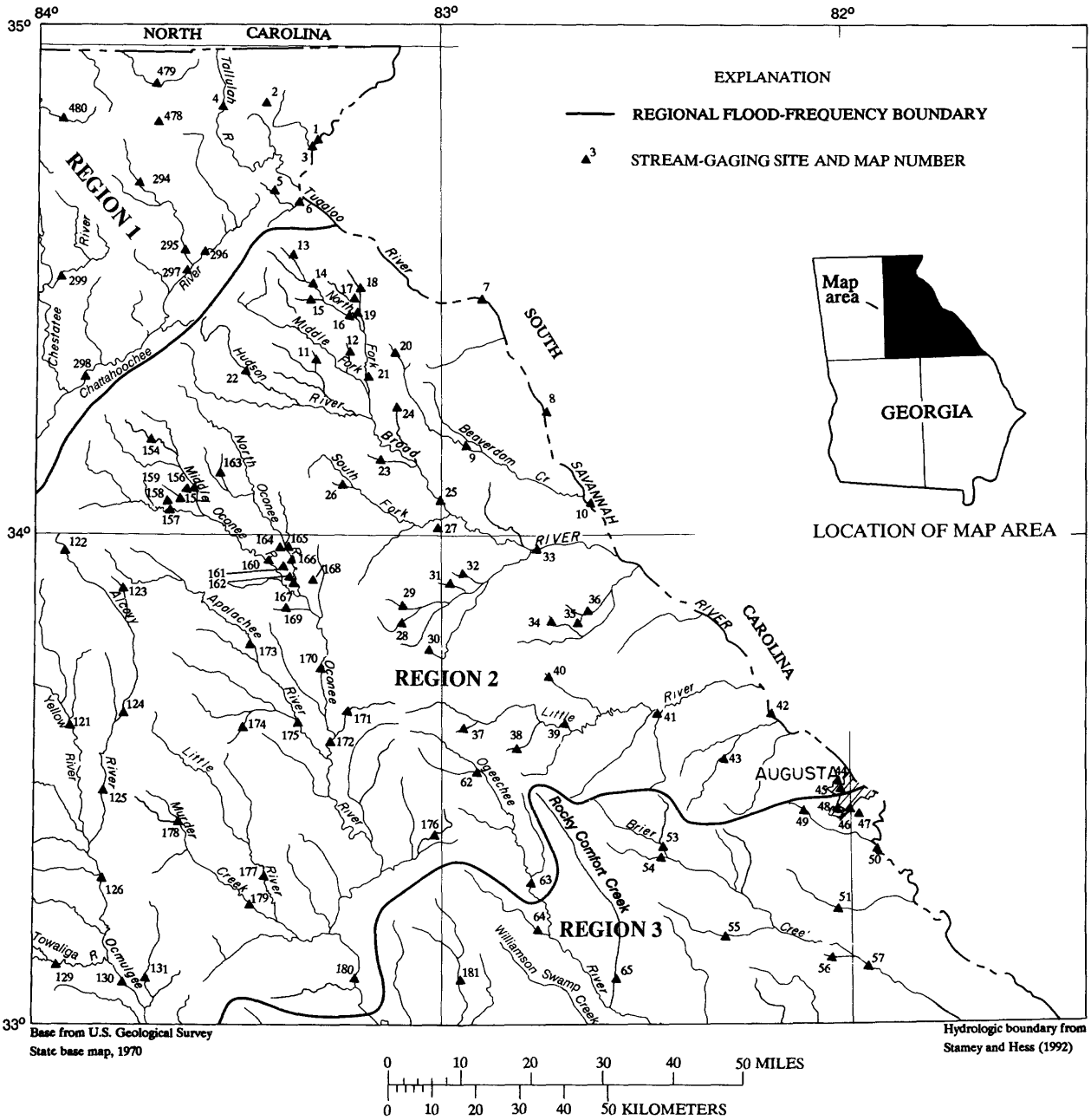



**Figure 2.--Regional boundary and gaging stations in northeastern Georgia.**

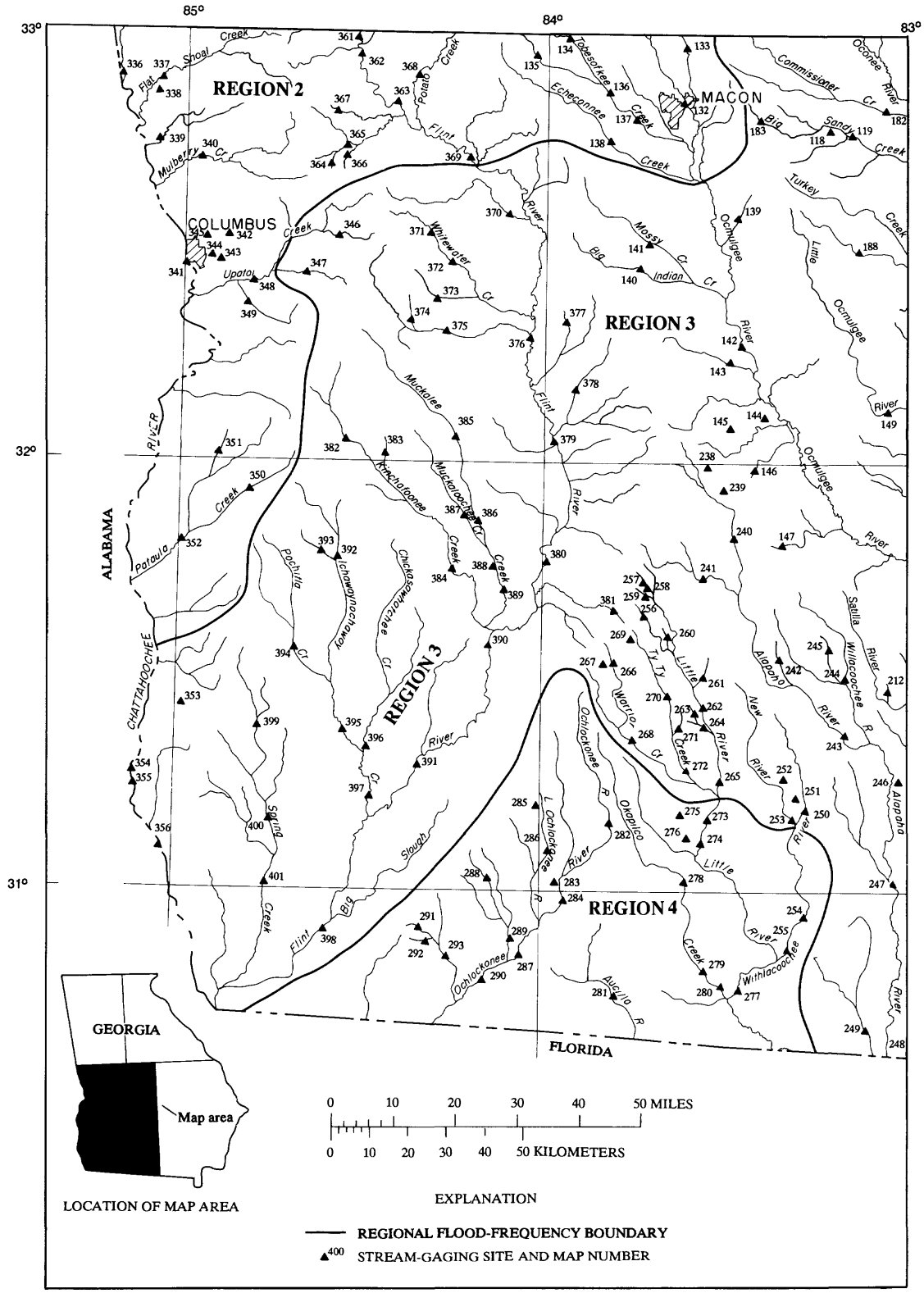
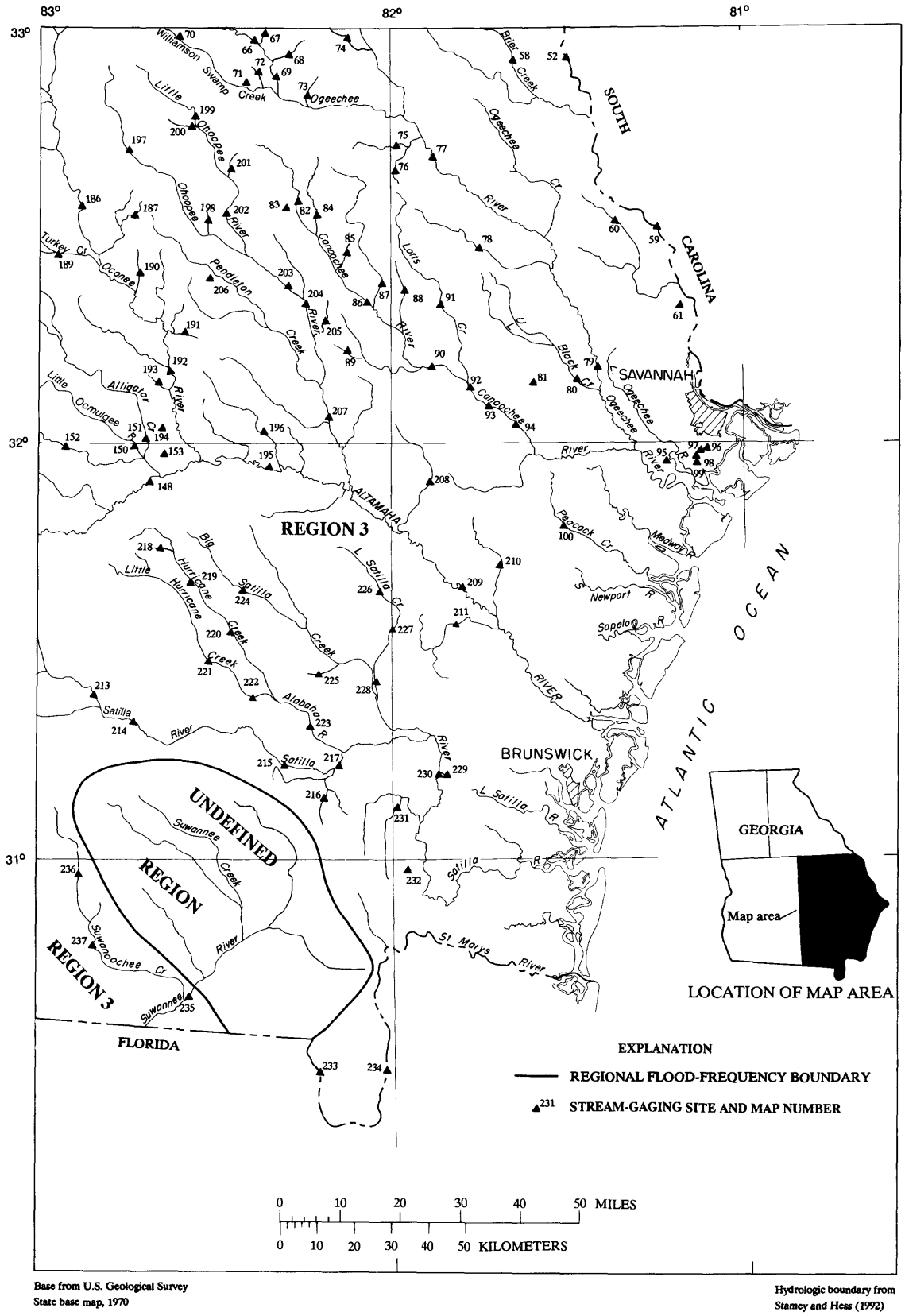



**Figure 3.--Regional boundary and gaging stations in southwestern Georgia.**




Base from U.S. Geological Survey
State base map, 1970

Hydrologic boundary from
Stamey and Hess (1992)

**Figure 4.--Regional boundary and gaging stations in southeastern Georgia.**

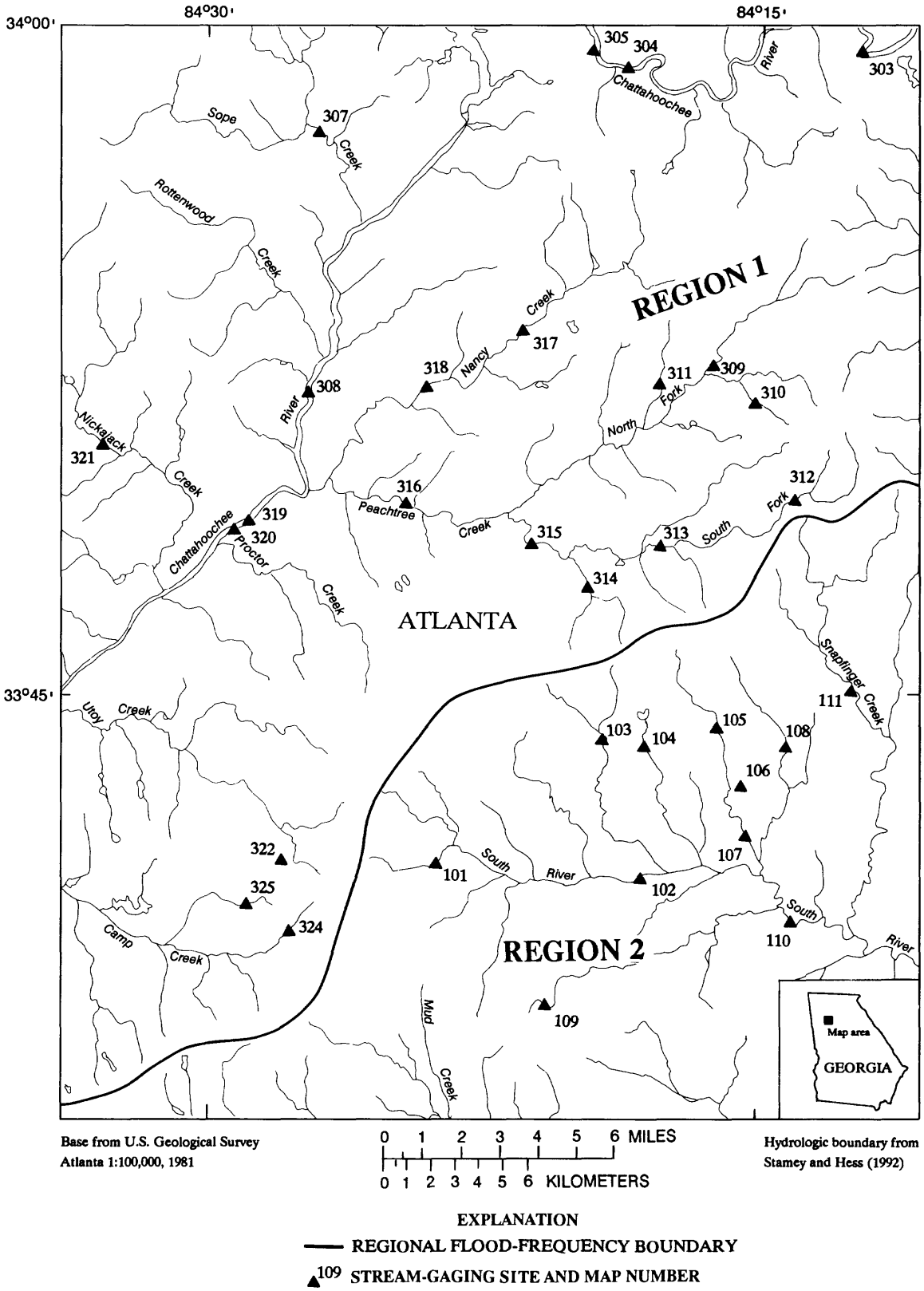



Figure 5. --Regional boundary and gaging stations in the Atlanta Metropolitan area.

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# GLOSSARY

Some of the technical terms used in this report are defined for convenience and clarification.

*Area-velocity study* - A procedure for computing discharge on the basis of area and velocity characteristics of a stream obtained from curren-meter measurements.

*Bankfull stage* - The water surface of a stream that overtops natural or artifical banks of the main channel above which flow occurs in the overbank areas of the flood plain.

*Computed inflow hydrograph* - A method of computing inflow hydrograph based upon the basic flood-routing formula of inflow equals outflow, plus the change in storage of a reservoir.

*Continuous-record station* - A gaging station where a consistent record of stage is obtained within a specified time interval between readings.

*Contracted-opening measurement* - A procedure for computing peak discharge using the hydraulic characteristics of the open-channel width contractions.

*Crest-stage gage* - A device for recording the elevation of the flood crest (peak) of a stream.

*Culvert computation* - A procedure for computing peak discharge using the hydraulic characteristics of culverts and water-surface profile.

*Current meter* - An instrument used to measure the velocity of water.

*Drainage area* - The drainage area of a stream at a specified location is that area measured in a horizontal plane which is enclosed by a drainage divide.

*Flood/hydrograph rainfall station* - A gaging station that records the elevation of the flood peak and rainfall.

*Flow-over dam measurement* - A procedure for computing discharge over dams, weirs, and embankments using the water-surface elevation and geometry of the particular structure.

*Historical data* - Data about major floods which occurred either before or after the period of systematic data collection.

*Indirect measurement* - A procedure for computing peak discharge on the basis of hydraulic equations which relate the discharge to the water-surface profile, the geometry of the channel and the hydraulic structures.

*Slope-area mesurement* - A procedure for computing peak discharge on the basis of a uniform flow equation involving channel characteristics, water-surface profiles, and a channel-roughness coefficient.

*Slope-conveyance study* - A procedure for computing discharge on the basis of a uniform flow equation involving channel characteristics and water-surface profiles.

*Stage-discharge relation* - At the gaging station, the relation of discharge to stage, and sometimes other variables, such as rate of change in stage, fall in a reach between gages and gate openings.

*Water-stage recorder* - A device which records the water-surface with a specified time interval between readings.

*Water-year* - The 12-month period beginning October 1 and ending on September 30 of any given year, and designated by the calendar year in which the water year ends.

Table 1.--*Alphabetical list of streamflow-gaging stations*

| Map number | Figure number | Station number | Station name | Page number |
|---|---|---|---|---|
| 00381 | 3 | 02350520 | Abrams Creek Tributary near Doles, Ga. | 215 |
| 00223 | 4 | 02227290 | Alabaha River near Blackshear, Ga. | 132 |
| 00247 | 3 | 02316390 | Alapaha River at Lakeland, Ga. | 144 |
| 00240 | 3 | 02315700 | Alapaha River at Rebecca, Ga. | 141 |
| 00248 | 3 | 02317500 | Alapaha River at Statenville, Ga. | 145 |
| 00243 | 3 | 02316000 | Alapaha River near Alapaha, Ga. | 142 |
| 00238 | 3 | 02315650 | Alapaha River Tributary no. 2, near Pitts, Ga. | 140 |
| 00239 | 3 | 02315670 | Alapaha River Tributary no. 3, near Rochelle, Ga. | 140 |
| 00246 | 3 | 02316260 | Alapaha River Tributary no. 4, near Willacoochee, Ga. | 144 |
| 00124 | 2 | 02208450 | Alcovy River above Covington, Ga. | 80 |
| 00125 | 2 | 02209000 | Alcovy River below Covington, Ga. | 81 |
| 00122 | 2 | 02208050 | Alcovy River near Lawrenceville, Ga. | 80 |
| 00154 | 2 | 02217000 | Allen Creek at Talmo, Ga. | 97 |
| 00151 | 4 | 02216100 | Alligator Creek near Alamo, Ga. | 96 |
| 00209 | 4 | 02226000 | Altamaha River at Doctortown, Ga. | 125 |
| 00195 | 4 | 02225000 | Altamaha River near Baxley, Ga. | 118 |
| 00447 | 1 | 02390000 | Amicalola Creek near Dawsonville, Ga. | 250 |
| 00035 | 2 | 02192400 | Anderson Mill Creek near Danburg, Ga. | 41 |
| 00036 | 2 | 02192420 | Anderson Mill Creek Tributary near Danburg, Ga. | 40 |
| 00173 | 2 | 02219000 | Apalachee River near Bostwick, Ga. | 107 |
| 00175 | 2 | 02219500 | Apalachee River near Buckhead, Ga. | 108 |
| 00264 | 3 | 02317820 | Arnold Creek near Tifton, Ga. | 152 |
| 00263 | 3 | 02317810 | Arnold Creek Tributary near Tifton, Ga. | 152 |
| 00002 | 2 | 02177100 | Ashley Creek near Clayton, Ga. | 23 |
| 00281 | 3 | 02326200 | Aucilla River near Boston, Ga. | 160 |
| 00437 | 1 | 02387800 | Bailey Creek near Villanow, Ga. | 245 |
| 00409 | 1 | 02381900 | Ball Creek near Talking Rock, Ga. | 231 |
| 00147 | 3 | 02215280 | Ball Creek Tributary near Rochelle, Ga. | 93 |
| 00288 | 3 | 02327550 | Barnetts Creek near Meigs, Ga. | 164 |
| 00289 | 3 | 02327700 | Barnetts Creek near Thomasville, Ga. | 164 |
| 00431 | 1 | 02387200 | Beamer Creek near Spring Place, Ga. | 242 |
| 00015 | 2 | 02189600 | Bear Creek near Mize, Ga. | 29 |
| 00208 | 4 | 02225850 | Beards Creek near Glennville, Ga. | 124 |
| 00205 | 4 | 02225330 | Beaver Creek near Cobbtown, Ga. | 123 |
| 00009 | 2 | 02188500 | Beaverdam Creek at Dewy Rose, Ga. | 26 |
| 00123 | 2 | 02208200 | Beaverdam Creek Tributary at Bold Springs, Ga. | 80 |
| 00338 | 3 | 02340260 | Big Branch near West Point, Ga. | 191 |
| 00306 | 1 | 02335700 | Big Creek near Alpharetta, Ga. | 174 |
| 00216 | 4 | 02226580 | Big Creek near Hoboken, Ga. | 129 |
| 00067 | 4 | 02200900 | Big Creek near Louisville, Ga. | 56 |
| 00140 | 3 | 02214500 | Big Indian Creek at Perry, Ga. | 90 |
| 00185 | 3 | 02223360 | Big Sandy Creek near Irwinton, Ga. | 113 |
| 00183 | 3 | 02223300 | Big Sandy Creek near Jeffersonville, Ga. | 113 |
| 00184 | 3 | 02223349 | Big Sandy Creek Tributary near Irwinton, Ga. | 113 |
| 00224 | 4 | 02227400 | Big Satilla Creek near Alma, Ga. | 132 |
| 00128 | 1 | 02211459 | Big Towaliga Creek near Barnesville, Ga. | 82 |
| 00080 | 4 | 02202600 | Black Creek near Blitchton, Ga. | 62 |

Table 1.--*Alphabetical list of streamflow-gaging stations*--Continued

| Map number | Figure number | Station number | Station name | Page number |
|---|---|---|---|---|
| 00351 | 3 | 02343219 | Bluff Springs Branch near Lumpkin, Ga. | 198 |
| 00072 | 4 | 02201160 | Boggy Gut Creek near Wadley, Ga. | 58 |
| 00058 | 4 | 02198000 | Brier Creek at Millhaven, Ga. | 51 |
| 00478 | 2 | 03544947 | Brier Creek near Hiawassee, Ga. | 267 |
| 00053 | 2 | 02197520 | Brier Creek near Thomson, Ga. | 49 |
| 00057 | 2 | 02197830 | Brier Creek near Waynesboro, Ga. | 51 |
| 00025 | 2 | 02191300 | Broad River above Carlton, Ga. | 34 |
| 00033 | 2 | 02192000 | Broad River near Bell, Ga. | 39 |
| 00161 | 2 | 02217505 | Brooklyn Creek at Athens, Ga. | 101 |
| 00162 | 2 | 02217506 | Brooklyn Creek Tributary at Athens, Ga. | 101 |
| 00028 | 2 | 02191890 | Brooks Creek near Lexington, Ga. | 36 |
| 00055 | 2 | 02197600 | Brushy Creek near Wrens, Ga. | 50 |
| 00375 | 3 | 02349350 | Buck Creek near Ellaville, Ga. | 211 |
| 00374 | 3 | 02349330 | Buck Creek Tributary near Tazewell, Ga. | 211 |
| 00074 | 4 | 02201350 | Buckhead Creek near Waynesboro, Ga. | 59 |
| 00181 | 2 | 02223082 | Buffalo Creek near Linton, Ga. | 112 |
| 00231 | 4 | 02228050 | Buffalo Creek at Hickox, Ga. | 136 |
| 00030 | 2 | 02191930 | Buffalo Creek near Lexington, Ga. | 37 |
| 00156 | 2 | 02217250 | Buffalo Creek Tributary near Jefferson, Ga. | 98 |
| 00275 | 3 | 02318015 | Bull Creek near Norman Park, Ga. | 157 |
| 00344 | 3 | 02341546 | Bull Creek Tributary at Columbus, Ga. | 194 |
| 00276 | 3 | 02318020 | Bull Creek Tributary near Ellenton, Ga. | 158 |
| 00049 | 2 | 02196820 | Butler Creek at Fort Gordon, Ga. | 46 |
| 00324 | 5 | 02337081 | Camp Creek at College Park, Ga. | 183 |
| 00357 | 1 | 02344300 | Camp Creek near Fayetteville, Ga. | 202 |
| 00090 | 4 | 02203000 | Canoochee River near Claxton, Ga. | 66 |
| 00092 | 4 | 02203280 | Canoochee River near Daisy, Ga. | 67 |
| 00093 | 4 | 02203500 | Canoochee River near Groveland, Ga. | 67 |
| 00086 | 4 | 02202865 | Canoochee River near Metter, Ga. | 64 |
| 00094 | 4 | 02203505 | Canoochee River near Pembroke, Ga. | 68 |
| 00082 | 4 | 02202800 | Canoochee Creek near Swainsboro, Ga. | 63 |
| 00402 | 1 | 02379500 | Cartecay River near Ellijay, Ga. | 228 |
| 00467 | 1 | 02397410 | Cedar Creek at Cedartown, Ga. | 262 |
| 00468 | 1 | 02397500 | Cedar Creek near Cedartown, Ga. | 262 |
| 00145 | 3 | 02215230 | Cedar Creek near Pineview, Ga. | 92 |
| 00373 | 3 | 02349030 | Cedar Creek near Rupert, Ga. | 210 |
| 00168 | 2 | 02217990 | Cedar Creek Tributary near Whitehall, Ga. | 104 |
| 00304 | 5 | 02335450 | Chattahoochee River above Roswell, Ga. | 173 |
| 00356 | 3 | 02344000 | Chattahoochee River at Alaga, Ala. | 201 |
| 00308 | 5 | 02336000 | Chattahoochee River at Atlanta, Ga. | 175 |
| 00300 | 1 | 02334430 | Chattahoochee River at Buford Dam near Buford, Ga. | 170 |
| 00354 | 3 | 02343500 | Chattahoochee River at Columbia, Ala. | 199 |
| 00341 | 3 | 02341500 | Chattahoochee River at Columbus, Ga. | 193 |
| 00331 | 1 | 02338500 | Chattahoochee River at Franklin, Ga. | 187 |

Table 1.--*Alphabetical list of streamflow-gaging stations*--Continued

| Map number | Figure number | Station number | Station name | Page number |
|---|---|---|---|---|
| 00294 | 1 | 02330450 | Chattahoochee River at Helen,Ga. | 167 |
| 00320 | 5 | 02336500 | Chattahoochee River at Oakdale, Ga. | 181 |
| 00336 | 3 | 02339500 | Chattahoochee River at West Point, Ga. | 190 |
| 00319 | 5 | 02336490 | Chattahoochee River at State Highway 280, near Atlanta, Ga. | 181 |
| 00301 | 1 | 02334500 | Chattahoochee River near Buford, Ga. | 170 |
| 00355 | 3 | 02343801 | Chattahoochee River near Columbia, Ala. | 200 |
| 00297 | 2 | 02331600 | Chattahoochee River near Cornelia, Ga. | 168 |
| 00326 | 1 | 02337170 | Chattahoochee River near Fairburn, Ga. | 184 |
| 00298 | 2 | 02333000 | Chattahoochee River near Gainesville, Ga. | 169 |
| 00295 | 2 | 02331000 | Chattahoochee River near Leaf, Ga. | 167 |
| 00303 | 5 | 02335000 | Chattahoochee River near Norcross, Ga. | 172 |
| 00305 | 5 | 02335500 | Chattahoochee River near Roswell, Ga. | 173 |
| 00330 | 1 | 02338000 | Chattahoochee River near Whitesburg, Ga. | 187 |
| 00492 | 1 | 03568500 | Chattanooga Creek near Flintstone, Ga. | 276 |
| 00471 | 1 | 02398000 | Chattooga River at Summerville, Ga. | 264 |
| 00001 | 2 | 02177000 | Chattooga River near Clayton, Ga. | 22 |
| 00003 | 2 | 02178000 | Chattooga River near Tallulah Falls, Ga. | 23 |
| 00299 | 2 | 02333500 | Chestatee River near Dahlonega, Ga. | 169 |
| 00396 | 3 | 02354500 | Chickasawhatchee Creek at Elmodel, Ga. | 224 |
| 00383 | 3 | 02350685 | Choctahatchee Creek Tributary near Plains, Ga. | 216 |
| 00426 | 1 | 02385000 | Coahulla Creek near Varnell, Ga. | 239 |
| 00196 | 4 | 02225100 | Cobb Creek near Lyons, Ga. | 119 |
| 00108 | 5 | 02203870 | Cobbs Creek near Atlanta, Ga. | 73 |
| 00367 | 3 | 02346217 | Coleoatchee Creek near Manchester, Ga. | 207 |
| 00182 | 3 | 02223200 | Commissioner Creek at Toomsboro, Ga. | 112 |
| 00429 | 1 | 02387000 | Conasauga River at Tilton, Ga. | 241 |
| 00423 | 1 | 02384500 | Conasauga River near Eton, Ga. | 237 |
| 00422 | 1 | 02384000 | Conasauga River near Tennga, Ga. | 237 |
| 00109 | 5 | 02203884 | Conley Creek near Forest Park, Ga. | 74 |
| 00466 | 1 | 02397000 | Coosa River near Rome, Ga. | 261 |
| 00414 | 1 | 02382500 | Coosawattee River at Carters, Ga. | 233 |
| 00404 | 1 | 02380500 | Coosawattee River near Ellijay, Ga. | 229 |
| 00421 | 1 | 02383500 | Coosawattee River near Pine Chapel, Ga. | 236 |
| 00201 | 4 | 02225240 | Crooked Creek near Kite, Ga. | 121 |
| 00225 | 4 | 02227422 | Crooked Creek Tributary near Bristol, Ga. | 133 |
| 00191 | 4 | 02224400 | Cypress Creek near Tarrytown, Ga. | 116 |
| 00089 | 4 | 02202950 | Cypress Flat Creek Tributary near Collins, Ga. | 66 |
| 00259 | 3 | 02317775 | Daniels Creek near Ashburn, Ga. | 150 |
| 00432 | 1 | 02387300 | Dead Mans Branch near Resaca, Ga. | 242 |
| 00241 | 3 | 02315900 | Deep Creek near Ashburn, Ga. | 141 |
| 00458 | 1 | 02395500 | Dikes Creek near Rome, Ga. | 257 |
| 00210 | 4 | 02226030 | Doctors Creek near Ludowici, Ga. | 126 |
| 00327 | 1 | 02337400 | Dog River near Douglasville, Ga. | 185 |
| 00104 | 5 | 02203830 | Dolittle Creek near Atlanta, Ga. | 72 |
| 00020 | 2 | 02190800 | Double Branch at Bowersville, Ga. | 32 |

Table 1.--*Alphabetical list of streamflow-gaging stations*--Continued

| Map number | Figure number | Station number | Station name | Page number |
|---|---|---|---|---|
| 00026 | 2 | 02191600 | Double Branch near Danielsville, Ga. | 35 |
| 00442 | 1 | 02388400 | Dozier Creek near Shannon, Ga. | 247 |
| 00416 | 1 | 02382800 | Dry Creek at Oakman, Ga. | 234 |
| 00469 | 1 | 02397750 | Duck Creek above Lafayette, Ga. | 263 |
| 00060 | 4 | 02198532 | Ebenezer Creek Tributary near Kildare, Ga. | 52 |
| 00138 | 3 | 02214000 | Echeconnee Creek near Macon, Ga. | 89 |
| 00403 | 1 | 02380000 | Ellijay River at Ellijay, Ga. | 228 |
| 00451 | 1 | 02394000 | Etowah River above Cartersville, Ga. | 254 |
| 00449 | 1 | 02392000 | Etowah River at Canton, Ga. | 252 |
| 00460 | 1 | 02396000 | Etowah River at Rome, Ga. | 258 |
| 00448 | 1 | 02391000 | Etowah River near Ball Ground, Ga. | 251 |
| 00453 | 1 | 02394670 | Etowah River near Cartersville, Ga. | 255 |
| 00444 | 1 | 02388900 | Etowah River near Dahlonega, Ga. | 249 |
| 00445 | 1 | 02389000 | Etowah River near Dawsonville, Ga. | 249 |
| 00456 | 1 | 02395000 | Etowah River near Kingston, Ga. | 256 |
| 00459 | 1 | 02395990 | Etowah River Tributary at Rome, Ga. | 257 |
| 00454 | 1 | 02394820 | Euharlee Creek at Rockmart, Ga. | 255 |
| 00131 | 2 | 02212600 | Falling Creek near Julliette, Ga. | 84 |
| 00407 | 1 | 02381600 | Fausett Creek near Talking Rock, Ga. | 230 |
| 00087 | 4 | 02202900 | Fifteenmile Creek near Metter, Ga. | 65 |
| 00485 | 1 | 03560000 | Fightingtown Creek at McCaysville, Ga. | 273 |
| 00406 | 1 | 02381300 | Fir Creek near Ellijay, Ga. | 230 |
| 00342 | 3 | 02341542 | Flat Rock Creek at Columbus, Ga. | 194 |
| 00337 | 3 | 02340250 | Flat Shoal Creek near West Point, Ga. | 191 |
| 00390 | 3 | 02352500 | Flint River at Albany, Ga. | 220 |
| 00398 | 3 | 02356000 | Flint River at Bainbridge, Ga. | 225 |
| 00376 | 3 | 02349500 | Flint River at Montezuma, Ga. | 212 |
| 00391 | 3 | 02353000 | Flint River at Newton, Ga. | 221 |
| 00380 | 3 | 02350500 | Flint River at Oakfield, Ga. | 214 |
| 00369 | 3 | 02347500 | Flint River near Culloden, Ga. | 208 |
| 00359 | 1 | 02344500 | Flint River near Griffin, Ga. | 203 |
| 00358 | 1 | 02344350 | Flint River near Lovejoy, Ga. | 202 |
| 00361 | 3 | 02345000 | Flint River near Molena, Ga. | 204 |
| 00363 | 3 | 02346180 | Flint River near Thomaston, Ga. | 205 |
| 00379 | 3 | 02350000 | Flint River near Vienna, Ga. | 214 |
| 00362 | 3 | 02345500 | Flint River near Woodbury, Ga. | 204 |
| 00146 | 3 | 02215245 | Folsom Creek Tributary near Rochelle, Ga. | 93 |
| 00027 | 2 | 02191750 | Fork Creek at Carlton, Ga. | 36 |
| 00120 | 1 | 02207000 | Garner Creek near Snellville, Ga. | 79 |
| 00095 | 4 | 02203540 | Grove River Tributary near Savannah, Ga. | 68 |
| 00149 | 3 | 02215800 | Gum Swamp Creek near Chauncey, Ga. | 95 |
| 00038 | 2 | 02193400 | Harden Creek near Sharon, Ga. | 41 |
| 00097 | 4 | 02203542 | Harmon Canal near Savannah, Ga. | 69 |
| 00096 | 4 | 02203541 | Harmon Canal Tributary at Savannah, Ga. | 68 |
| 00470 | 1 | 02397830 | Harrisburg Creek near Hawkins, Ga. | 263 |

Table 1.--*Alphabetical list of streamflow-gaging stations*--Continued

| Map number | Figure number | Station number | Station name | Page number |
|---|---|---|---|---|
| 00441 | 1 | 02388320 | Heath Creek near Armuchee, Ga. | 247 |
| 00440 | 1 | 02388300 | Heath Creek near Rome, Ga. | 246 |
| 00455 | 1 | 02394950 | Hills Creek near Taylorsville, Ga. | 256 |
| 00479 | 2 | 03545000 | Hiwassee River at Presley, Ga. | 268 |
| 00034 | 2 | 02192300 | Hog Fork Fishing Creek Tributary near Tignall, Ga. | 40 |
| 00428 | 1 | 02385800 | Holly Creek near Chatsworth, Ga. | 240 |
| 00377 | 3 | 02349695 | Horsehead Creek near Montezuma, Ga. | 213 |
| 00465 | 1 | 02396680 | Horseleg Creek at Rome, Ga. | 260 |
| 00022 | 2 | 02191200 | Hudson River at Homer, Ga. | 33 |
| 00083 | 4 | 02202810 | Hughes Prong to Canoochee Creek near Swainsboro, Ga. | 63 |
| 00200 | 4 | 02225210 | Hurricane Branch near Wrightsville, Ga. | 121 |
| 00219 | 4 | 02226900 | Hurricane Creek near Hazlehurst, Ga. | 130 |
| 00220 | 4 | 02227000 | Hurricane Creek near Alma, Ga. | 130 |
| 00328 | 1 | 02337448 | Hurricane Creek Tributary near Fairplay, Ga. | 185 |
| 00395 | 3 | 02353500 | Ichawaynochaway Creek at Milford, Ga. | 223 |
| 00392 | 3 | 02353100 | Ichawaynochaway Creek near Graves, Ga. | 221 |
| 00397 | 3 | 02355000 | Ichawaynochaway Creek near Newton, Ga. | 224 |
| 00187 | 4 | 02223700 | Indian Branch Tributary near Scott, Ga. | 115 |
| 00011 | 2 | 02189020 | Indian Creek near Carnesville, Ga. | 28 |
| 00242 | 3 | 02315980 | Jacks Creek near Ocilla, Ga. | 142 |
| 00346 | 3 | 02341600 | Juniper Creek near Geneva, Ga. | 195 |
| 00366 | 3 | 02346210 | Kimbrough Creek near Talbotton, Ga. | 206 |
| 00382 | 3 | 02350600 | Kinchafoonee Creek at Peston, Ga. | 215 |
| 00384 | 3 | 02350900 | Kinchafoonee Creek near Dawson, Ga. | 216 |
| 00043 | 2 | 02195150 | Kiokee Creek at Appling, Ga. | 44 |
| 00365 | 3 | 02346195 | Lazer Creek near Talbotton, Ga. | 206 |
| 00260 | 3 | 02317780 | Lime Sink Creek near Sycamore, Ga. | 150 |
| 00345 | 3 | 02341548 | Lindsey Creek Tributary at Columbus, Ga. | 195 |
| 00360 | 1 | 02344700 | Line Creek near Senoia, Ga. | 203 |
| 00054 | 2 | 02197550 | Little Brier Creek near Thomson, Ga. | 49 |
| 00245 | 3 | 02316220 | Little Brushy Creek near Ocilla, Ga. | 143 |
| 00487 | 1 | 03566685 | Little Chickamauga Creek near Ringgold, Ga. | 274 |
| 00488 | 1 | 03566687 | Little Chickamauga Creek Tributary near Ringgold, Ga. | 274 |
| 00114 | 1 | 02204300 | Little Cotton Indian Creek near Stockbridge, Ga. | 76 |
| 00271 | 3 | 02317905 | Little Creek near Omega, Ga. | 155 |
| 00269 | 3 | 02317890 | Little Creek near Sylvester, Ga. | 154 |
| 00212 | 3 | 02226190 | Little Creek near Willacoochee, Ga. | 127 |
| 00163 | 2 | 02217660 | Little Curry Creek near Jefferson, Ga. | 101 |
| 00222 | 4 | 02227200 | Little Hurricane Creek below Alma, Ga. | 131 |
| 00221 | 4 | 02227100 | Little Hurricane Creek near Alma, Ga. | 131 |
| 00393 | 3 | 02353200 | Little Ichawaynochaway Creek near Shelllman, Ga. | 222 |
| 00032 | 2 | 02191970 | Little Macks Creek near Lexington, Ga. | 38 |
| 00286 | 3 | 02327415 | Little Ochlockonee River near Moultrie, Ga. | 163 |
| 00150 | 4 | 02216000 | Little Ocmulgee River at Towns, Ga. | 95 |
| 00064 | 2 | 02200100 | Little Ogeechee River at Hamburg, Ga. | 54 |

Table 1.--*Alphabetical list of streamflow-gaging stations*--Continued

| Map number | Figure number | Station number | Station name | Page number |
|---|---|---|---|---|
| 00202 | 4 | 02225250 | Little Ohoopee River near Swainsboro, Ga. | 121 |
| 00199 | 4 | 02225200 | Little Ohoopee River near Wrightsville, Ga. | 120 |
| 00005 | 2 | 02181800 | Little Panther Creek near Tallulah Falls, Ga. | 24 |
| 00274 | 3 | 02318000 | Little River near Adel, Ga. | 157 |
| 00256 | 3 | 02317760 | Little River near Ashburn, Ga. | 148 |
| 00473 | 1 | 02411800 | Little River near Buchanan, Ga. | 265 |
| 00177 | 2 | 02220900 | Little River near Eatonton, Ga. | 109 |
| 00265 | 3 | 02317830 | Little River near Lenox, Ga. | 153 |
| 00041 | 2 | 02194000 | Little River near Lincolnton, Ga. | 43 |
| 00450 | 1 | 02392500 | Little River near Roswell, Ga. | 253 |
| 00273 | 3 | 02317980 | Little River near Sparks, Ga. | 156 |
| 00249 | 3 | 02317600 | Little River near Statenville, Ga. | 145 |
| 00262 | 3 | 02317800 | Little River near Tifton,Ga. | 151 |
| 00039 | 2 | 02193500 | Little River near Washington, Ga. | 42 |
| 00226 | 4 | 02227430 | Little Satilla Creek at Odum, Ga. | 133 |
| 00227 | 4 | 02227470 | Little Satilla Creek near Jesup, Ga. | 134 |
| 00228 | 4 | 02227500 | Little Satilla River near Offerman, Ga. | 134 |
| 00476 | 1 | 02413000 | Little Tallapoosa River at Carrollton, Ga. | 266 |
| 00477 | 1 | 02413200 | Little Tallapoosa River near Bowden, Ga. | 267 |
| 00135 | 3 | 02213400 | Little Tobesofkee Creek near Forsyth, Ga. | 87 |
| 00061 | 4 | 02198740 | Lockner Creek Tributary near Rincon, Ga. | 53 |
| 00493 | 1 | 03568933 | Lookout Creek near New England, Ga. | 277 |
| 00091 | 4 | 02203150 | Lotts Creek Tributary near Statesboro, Ga. | 67 |
| 00031 | 2 | 02191960 | Macks Creek near Lexington, Ga. | 38 |
| 00475 | 1 | 02411902 | Mann Creek Tributary near Tallapoosa,Ga. | 266 |
| 00051 | 2 | 02197190 | McBean Creek near McBean, Ga. | 48 |
| 00472 | 1 | 02411735 | McClendon Creek Tributary near Dallas, Ga. | 264 |
| 00190 | 4 | 02224200 | Mercer Creek near Soperton, Ga. | 116 |
| 00155 | 2 | 02217200 | Middle Oconee River near Jefferson, Ga. | 98 |
| 00160 | 2 | 02217500 | Middle Oconee River near Athens, Ga. | 100 |
| 00174 | 2 | 02219300 | Mile Branch near Madison, Ga. | 107 |
| 00343 | 3 | 02341544 | Mill Branch at Columbus, Ga. | 194 |
| 00424 | 1 | 02384540 | Mill Creek near Crandall, Ga. | 238 |
| 00081 | 4 | 02202605 | Mill Creek near Pembroke, Ga. | 62 |
| 00078 | 4 | 02202300 | Mill Creek near Statesboro, Ga. | 61 |
| 00261 | 3 | 02317795 | Mill Creek near Tifton, Ga. | 151 |
| 00024 | 2 | 02191280 | Mill Shoal Creek near Royston, Ga. | 34 |
| 00141 | 3 | 02214820 | Mossy Creek near Perry, Ga. | 90 |
| 00339 | 3 | 02340500 | Mountain Oak Creek near Hamilton, Ga. | 192 |
| 00405 | 1 | 02381100 | Mountaintown Creek Tributary near Ellijay, Ga. | 229 |
| 00388 | 3 | 02351890 | Muckalee Creek at State Highway 195 near Leesburg, Ga. | 218 |
| 00385 | 3 | 02351500 | Muckalee Creek near Americus, Ga. | 217 |
| 00389 | 3 | 02351900 | Muckalee Creek near Leesburg, Ga. | 219 |
| 00386 | 3 | 02351700 | Muckalee Creek near Smithville, Ga. | 217 |
| 00387 | 3 | 02351800 | Muckaloochee Creek at Smithville, Ga. | 218 |

Table 1.--*Alphabetical list of streamflow-gaging stations*--Continued

| Map number | Figure number | Station number | Station name | Page number |
|---|---|---|---|---|
| 00340 | 3 | 02341220 | Mulberry Creek near Mulberry Grove, Ga. | 192 |
| 00157 | 2 | 02217380 | Mulberry River near Winder, Ga. | 99 |
| 00158 | 2 | 02217400 | Mulberry River Tributary near Winder, Ga. | 99 |
| 00159 | 2 | 02217450 | Mulberry River Tributary no. 2, near Jefferson, Ga. | 100 |
| 00198 | 4 | 02225180 | Mulepen Creek near Adrian, Ga. | 120 |
| 00179 | 2 | 02221525 | Murder Creek below Eatonton, Ga. | 110 |
| 00178 | 2 | 02221000 | Murder Creek near Monticello, Ga. | 109 |
| 00071 | 4 | 02201110 | Nails Creek near Bartow, Ga. | 58 |
| 00317 | 5 | 02336360 | Nancy Creek at Rickenbacker Way at Atlanta, Ga. | 180 |
| 00318 | 5 | 02336380 | Nancy Creek at Randall Mill Road at Atlanta, Ga. | 180 |
| 00332 | 1 | 02338660 | New River near Corinth, Ga. | 188 |
| 00253 | 3 | 02317734 | New River near Nashville, Ga. | 147 |
| 00252 | 3 | 02317730 | New River Tributary near Nashville, Ga. | 147 |
| 00257 | 3 | 02317765 | Newell Branch near Worth, Ga. | 149 |
| 00258 | 3 | 02317770 | Newell Branch near Ashburn, Ga. | 149 |
| 00321 | 5 | 02336610 | Nickajack Creek near Mableton, Ga. | 182 |
| 00013 | 2 | 02189050 | North Fork Broad River above Toccoa, Ga. | 28 |
| 00021 | 2 | 02191000 | North Fork Broad River near Carnesville, Ga. | 32 |
| 00016 | 2 | 02190000 | North Fork Broad River near Lavonia, Ga. | 30 |
| 00014 | 2 | 02189500 | North Fork Broad River near Toccoa, Ga. | 29 |
| 00325 | 5 | 02337100 | North Fork Camp Creek at Atlanta, Ga. | 184 |
| 00309 | 5 | 02336080 | North Fork Peachtree Creek near Chamblee, Ga. | 176 |
| 00311 | 5 | 02336102 | North Fork Peachtree Creek Tributary near Atlanta, Ga. | 177 |
| 00310 | 5 | 02336090 | North Fork Peachtree Creek Tributary near Chamblee, Ga. | 176 |
| 00166 | 2 | 02217900 | North Oconee River at Athens, Ga. | 103 |
| 00165 | 2 | 02217750 | North Oconee River Tributary at Athens, Ga. | 102 |
| 00233 | 4 | 02228500 | North Prong St Mary's River at Moniac, Ga. | 137 |
| 00480 | 2 | 03550500 | Nottely River near Blairsville, Ga. | 269 |
| 00481 | 1 | 03553500 | Nottely River near Ivylog, Ga. | 264 |
| 00047 | 2 | 02196730 | Oates Creek at Old Savannah Road at Augusta, Ga. | 45 |
| 00046 | 2 | 02196725 | Oates Creek at White Road at Augusta, Ga. | 45 |
| 00349 | 3 | 02341900 | Ochillee Creek near Cusseta, Ga. | 197 |
| 00282 | 3 | 02327200 | Ochlockonee River at Moultrie, Ga. | 161 |
| 00290 | 3 | 02327810 | Ochlockonee River near Cairo, Ga. | 165 |
| 00284 | 3 | 02327355 | Ochlockonee River near Coolidge, Ga. | 162 |
| 00287 | 3 | 02327500 | Ochlockonee River near Thomasville, Ga. | 163 |
| 00283 | 3 | 02327350 | Ochlockonee River Tributary near Coolidge, Ga. | 161 |
| 00142 | 3 | 02215000 | Ocmulgee River at Hawkinsville, Ga. | 91 |
| 00130 | 2 | 02212500 | Ocmulgee River at Juliette, Ga. | 83 |
| 00148 | 4 | 02215500 | Ocmulgee River at Lumber City, Ga. | 94 |
| 00132 | 3 | 02213000 | Ocmulgee River at Macon, Ga. | 85 |
| 00126 | 2 | 02210500 | Ocmulgee River near Jackson, Ga. | 81 |
| 00144 | 3 | 02215220 | Ocmulgee River Tributary near Abbeville, Ga. | 92 |
| 00484 | 1 | 03559500 | Ocoee River at Copperhill, Tenn. | 272 |
| 00186 | 4 | 02223500 | Oconee River at Dublin, Ga. | 114 |

Table 1.--*Alphabetical list of streamflow-gaging stations*--Continued

| Map number | Figure number | Station number | Station name | Page number |
|---|---|---|---|---|
| 00180 | 2 | 02223000 | Oconee River at Milledgeville, Ga. | 111 |
| 00172 | 2 | 02218500 | Oconee River near Greensboro, Ga. | 106 |
| 00192 | 4 | 02224500 | Oconee River near Mount Vernon, Ga. | 117 |
| 00170 | 2 | 02218300 | Oconee River near Penfield, Ga. | 105 |
| 00194 | 4 | 02224800 | Oconee River Tributary no. 2, near Glenwood, Ga. | 118 |
| 00063 | 2 | 02200000 | Ogeechee River at Jewell, Ga. | 54 |
| 00077 | 4 | 02202000 | Ogeechee River at Scarboro, Ga. | 60 |
| 00079 | 4 | 02202500 | Ogeechee River near Eden, Ga. | 61 |
| 00066 | 4 | 02200500 | Ogeechee River near Louisville, Ga. | 55 |
| 00069 | 4 | 02200950 | Ogeechee River near Wadley, Ga. | 57 |
| 00204 | 4 | 02225320 | Ohoopee River near Aline, Ga. | 122 |
| 00203 | 4 | 02225300 | Ohoopee River near Oak Park, Ga. | 122 |
| 00207 | 4 | 02225500 | Ohoopee River near Reidsville, Ga. | 124 |
| 00197 | 4 | 02225150 | Ohoopee River near Wrightsville, Ga. | 119 |
| 00280 | 3 | 02318725 | Okapilco Creek at Quitman, Ga. | 160 |
| 00278 | 3 | 02318600 | Okapilco Creek near Berlin, Ga. | 159 |
| 00279 | 3 | 02318700 | Okapilco Creek near Quitman, Ga. | 159 |
| 00433 | 1 | 02387500 | Oostanaula River at Resaca, Ga. | 243 |
| 00443 | 1 | 02388500 | Oostanaula River near Rome, Ga. | 248 |
| 00435 | 1 | 02387570 | Oothkalooga Creek at Adairsville, Ga. | 244 |
| 00434 | 1 | 02387560 | Oothkalooga Creek Tributary at Adairsville, Ga. | 244 |
| 00394 | 3 | 02353400 | Pachitla Creek near Edison, Ga. | 222 |
| 00006 | 2 | 02182000 | Panther Creek near Toccoa, Ga. | 25 |
| 00352 | 3 | 02343225 | Pataula Creek near Georgetown, Ga. | 198 |
| 00350 | 3 | 02343200 | Pataula Creek near Lumpkin, Ga. | 197 |
| 00113 | 1 | 02204285 | Pates Creek near Flippen, Ga. | 75 |
| 00370 | 3 | 02348300 | Patsiliga Creek near Reynolds, Ga. | 209 |
| 00316 | 5 | 02336300 | Peachtree Creek at Atlanta, Ga. | 179 |
| 00100 | 4 | 02203559 | Peacock Creek at McIntosh, Ga. | 70 |
| 00211 | 4 | 02226100 | Penholoway Creek near Jesup, Ga. | 126 |
| 00193 | 4 | 02224650 | Peterson Creek at Glenwood, Ga. | 117 |
| 00117 | 1 | 02205500 | Pew Creek near Lawrenceville, Ga. | 77 |
| 00347 | 3 | 02341723 | Pine Knot Creek near Juniper, Ga. | 196 |
| 00417 | 1 | 02382900 | Pine Log Creek near Rydal, Ga. | 234 |
| 00425 | 1 | 02384600 | Pinhook Creek near Eton, Ga. | 238 |
| 00430 | 1 | 02387100 | Polecat Creek near Spring Place, Ga. | 241 |
| 00291 | 3 | 02327860 | Popple Branch near Whigham, Ga. | 165 |
| 00169 | 2 | 02218100 | Porters Creek at Watkinsville, Ga. | 104 |
| 00368 | 3 | 02346500 | Potato Creek near Thomaston, Ga. | 207 |
| 00452 | 1 | 02394400 | Pumpkinvine Creek below Dallas, Ga. | 254 |
| 00045 | 2 | 02196605 | Raes Creek Tributary no. 1, at Augusta,Ga. | 44 |
| 00044 | 2 | 02196570 | Raes Creek Tributary no. 2, at Augusta, Ga. | 44 |
| 00419 | 1 | 02383200 | Redbud Creek near Ranger, Ga. | 235 |
| 00420 | 1 | 02383220 | Redbud Creek Tributary near Ranger, Ga. | 236 |
| 00085 | 4 | 02202850 | Reedy Branch near Metter, Ga. | 64 |

Table 1.--*Alphabetical list of streamflow-gaging stations*--Continued

| Map number | Figure number | Station number | Station name | Page number |
|---|---|---|---|---|
| 00084 | 4 | 02202820 | Reedy Creek near Twin City, Ga. | 64 |
| 00206 | 4 | 02225350 | Reedy Creek Tributary near Soperton, Ga. | 123 |
| 00075 | 4 | 02201800 | Richardson Creek near Millen, Ga. | 59 |
| 00427 | 1 | 02385700 | Rock Creek near Chatsworth, Ga. | 239 |
| 00418 | 1 | 02383000 | Rock Creek near Fairmount, Ga. | 235 |
| 00065 | 2 | 02200400 | Rocky Comfort Creek near Grange, Ga. | 55 |
| 00436 | 1 | 02387700 | Rocky Creek at Curryville, Ga. | 244 |
| 00188 | 3 | 02224000 | Rocky Creek near Dudley, Ga. | 115 |
| 00040 | 2 | 02193600 | Rocky Creek near Washington, Ga. | 42 |
| 00048 | 2 | 02196760 | Rocky Creek Tributary at Augusta, Ga. | 45 |
| 00285 | 3 | 02327400 | Sallys Branch Tributary near Sale City, Ga. | 162 |
| 00230 | 4 | 02228000 | Satilla River at Atkinson, Ga. | 135 |
| 00213 | 4 | 02226200 | Satilla River near Douglas, Ga. | 127 |
| 00217 | 4 | 02226582 | Satilla River near Hoboken, Ga. | 129 |
| 00214 | 4 | 02226300 | Satilla River near Pearson, Ga. | 128 |
| 00215 | 4 | 02226500 | Satilla River near Waycross, Ga. | 128 |
| 00229 | 4 | 02227990 | Satilla River Tributary no. 2, at Atkinson, Ga. | 135 |
| 00232 | 4 | 02228055 | Satilla River Tributary no. 3, near Winokur, Ga. | 136 |
| 00139 | 3 | 02214280 | Savage Creek near Bullard, Ga. | 89 |
| 00050 | 2 | 02197000 | Savannah River at Augusta, Ga. | 46 |
| 00010 | 2 | 02189000 | Savannah River near Calhoun Falls, S.C. | 27 |
| 00042 | 2 | 02195000 | Savannah River near Clarks Hill, S.C. | 43 |
| 00059 | 4 | 02198500 | Savannah River near Clyo, Ga. | 52 |
| 00008 | 2 | 02187500 | Savannah River near Iva, S.C. | 26 |
| 00052 | 4 | 02197500 | Savannah River near Millhaven, Ga. | 48 |
| 00410 | 1 | 02381950 | Scarecorn Creek above Hinton, Ga. | 231 |
| 00411 | 1 | 02382000 | Scarecorn Creek at Hinton, Ga. | 232 |
| 00364 | 3 | 02346193 | Scott Creek near Talbotton, Ga. | 205 |
| 00023 | 2 | 02191270 | Scull Shoal Creek near Danielsville, Ga. | 33 |
| 00076 | 4 | 02201830 | Sculls Creek near Millen, Ga. | 60 |
| 00073 | 4 | 02201250 | Seals Creek Tributary near Midville, Ga. | 58 |
| 00118 | 1 | 02206000 | Shetley Creek near Norcross, Ga. | 78 |
| 00105 | 5 | 02203835 | Shoal Creek at Atlanta, Ga. | 72 |
| 00107 | 5 | 02203850 | Shoal Creek near Atlanta, Ga. | 73 |
| 00446 | 1 | 02389300 | Shoal Creek near Dawsonville, Ga. | 250 |
| 00106 | 5 | 02203845 | Shoal Creek Tributary near Atlanta, Ga. | 72 |
| 00461 | 1 | 02396290 | Silver Creek Tributary no. 1, near Rome, Ga. | 258 |
| 00462 | 1 | 02396510 | Silver Creek Tributary no. 2, at Lindale Road near Rome, Ga. | 259 |
| 00463 | 1 | 02396515 | Silver Creek Tributary no. 2, at U.S. 27 & 411 near Rome, Ga. | 259 |
| 00464 | 1 | 02396550 | Silver Creek Tributary no. 3, at Rome, Ga. | 259 |
| 00329 | 1 | 02337500 | Snake Creek near Whitesburg, Ga. | 186 |
| 00111 | 5 | 02203950 | Snapfinger Creek near Decatur, Ga. | 75 |
| 00307 | 5 | 02335870 | Sope Creek near Marietta, Ga. | 174 |
| 00296 | 2 | 02331500 | Soque River near Demorest, Ga. | 168 |
| 00489 | 1 | 03566700 | South Chickamauga Creek at Ringgold, Ga. | 275 |

Table 1.--*Alphabetical list of streamflow-gaging stations*--Continued

| Map number | Figure number | Station number | Station name | Page number |
|---|---|---|---|---|
| 00491 | 1 | 03567500 | South Chickamauga Creek near Chickamauga, Tn. | 276 |
| 00062 | 2 | 02199700 | South Fork Ogeechee River near Crawfordville, Ga. | 53 |
| 00315 | 5 | 02336250 | South Fork Peachtree Creek at Atlanta, Ga. | 179 |
| 00312 | 5 | 02336150 | South Fork Peachtree Creek at Clarkston, Ga. | 177 |
| 00313 | 5 | 02336180 | South Fork Peachtree Creek near Decatur, Ga. | 178 |
| 00314 | 5 | 02336238 | South Fork Peachtree Creek Tributary near Atlanta, Ga. | 178 |
| 00102 | 5 | 02203800 | South River at Atlanta, Ga. | 71 |
| 00101 | 5 | 02203600 | South River at East Point, Ga. | 70 |
| 00110 | 5 | 02203900 | South River near Atlanta, Ga. | 74 |
| 00112 | 1 | 02204070 | South River near Lithonia, Ga. | 75 |
| 00115 | 1 | 02204500 | South River near McDonough, Ga. | 76 |
| 00322 | 5 | 02336700 | South Utoy Creek Tributary at East Point, Ga. | 182 |
| 00400 | 3 | 02356640 | Spring Creek at Colquitt, Ga. | 226 |
| 00399 | 3 | 02356100 | Spring Creek near Arlington, Ga. | 226 |
| 00401 | 3 | 02357000 | Spring Creek near Iron City, Ga. | 227 |
| 00068 | 4 | 02200930 | Spring Creek near Louisville, Ga. | 56 |
| 00234 | 4 | 02231100 | St Marys River near St. George, Ga. | 137 |
| 00037 | 2 | 02193300 | Stephens Creek near Crawfordville, Ga. | 41 |
| 00012 | 2 | 02189030 | Stephens Creek Tributary at Carnesville, Ga. | 28 |
| 00439 | 1 | 02388200 | Storey Mill Creek near Summerville, Ga. | 246 |
| 00103 | 5 | 02203820 | Sugar Creek near Atlanta, Ga. | 71 |
| 00415 | 1 | 02382600 | Sugar Creek near Chatsworth, Ga. | 234 |
| 00486 | 1 | 03566660 | Sugar Creek near Ringgold, Ga. | 273 |
| 00302 | 1 | 02334885 | Suwanee Creek near Suwanee, Ga. | 171 |
| 00235 | 4 | 02314500 | Suwannee River at Fargo, Ga. | 138 |
| 00236 | 4 | 02314600 | Suwannoochee Creek at Dupont, Ga. | 139 |
| 00237 | 4 | 02314700 | Suwannoochee Creek near Thelma, Ga. | 139 |
| 00323 | 1 | 02337000 | Sweetwater Creek near Austell, Ga. | 183 |
| 00413 | 1 | 02382300 | Talking Rock Creek near Carters, Ga. | 233 |
| 00412 | 1 | 02382200 | Talking Rock Creek near Hinton, Ga. | 232 |
| 00474 | 1 | 02411900 | Tallapoosa River at Tallapoosa, Ga. | 265 |
| 00004 | 2 | 02178400 | Tallulah River near Clayton, Ga. | 24 |
| 00167 | 2 | 02217905 | Tanyard Creek at Athens, Ga. | 103 |
| 00353 | 3 | 02343267 | Temple Creek near Blakely, Ga. | 199 |
| 00088 | 4 | 02202910 | Ten Mile Creek Tributary at Pulaski, Ga. | 65 |
| 00153 | 4 | 02216610 | Tillman Mill Creek near Lumber City, Ga. | 97 |
| 00293 | 3 | 02328000 | Tired Creek near Cairo, Ga. | 166 |
| 00136 | 3 | 02213470 | Tobesofkee Creek above Macon, Ga. | 87 |
| 00134 | 3 | 02213350 | Tobesofkee Creek below Forsyth, Ga. | 86 |
| 00137 | 3 | 02213500 | Tobesofkee Creek near Macon, Ga. | 88 |
| 00483 | 1 | 03559000 | Toccoa River near Blue Ridge, Ga. | 271 |
| 00482 | 1 | 03558000 | Toccoa River near Dial, Ga. | 270 |
| 00017 | 2 | 02190100 | Toms Creek near Eastonollee, Ga. | 30 |
| 00019 | 2 | 02190500 | Toms Creek near Martin, Ga. | 31 |
| 00018 | 2 | 02190200 | Toms Creek Tributary near Avalon, Ga. | 31 |

Table 1.--*Alphabetical list of streamflow-gaging stations*--Continued

| Map number | Figure number | Station number | Station name | Page number |
|---|---|---|---|---|
| 00129 | 2 | 02211500 | Towaliga River near Forsyth, Ga. | 83 |
| 00127 | 1 | 02211300 | Towaliga River near Jackson, Ga. | 82 |
| 00171 | 2 | 02218450 | Town Creek near Greensboro, Ga. | 105 |
| 00408 | 1 | 02381700 | Town Creek Tributary near Ellijay, Ga. | 231 |
| 00164 | 2 | 02217730 | Tributary to North Oconee River at Athens, Ga. | 102 |
| 00029 | 2 | 02191910 | Trouble Creek at Lexington, Ga. | 37 |
| 00143 | 3 | 02215100 | Tucsawhatchee Creek near Hawkinsville, Ga. | 92 |
| 00007 | 2 | 02184000 | Tugaloo River near Hartwell, Ga. | 25 |
| 00378 | 3 | 02349900 | Turkey Creek at Byromville,Ga. | 213 |
| 00189 | 4 | 02224100 | Turkey Creek near Dublin, Ga. | 116 |
| 00152 | 4 | 02216180 | Turnpike Creek near McRae, Ga. | 96 |
| 00457 | 1 | 02395120 | Two Run Creek near Kingston, Ga. | 257 |
| 00270 | 3 | 02317900 | Ty Ty Creek at Ty Ty, Ga. | 155 |
| 00272 | 3 | 02317910 | Ty Ty Creek Tributary at Crosland, Ga. | 156 |
| 00348 | 3 | 02341800 | Upatoi Creek near Columbus, Ga. | 196 |
| 00056 | 2 | 02197810 | Walnut Branch near Waynesboro, Ga. | 50 |
| 00133 | 3 | 02213050 | Walnut Creek near Gray, Ga. | 86 |
| 00268 | 3 | 02317870 | Warrior Creek near Sumner, Ga. | 154 |
| 00266 | 3 | 02317840 | Warrior Creek near Sylvester, Ga. | 153 |
| 00267 | 3 | 02317845 | Warrior Creek Tributary near Sylvester, Ga. | 153 |
| 00438 | 1 | 02388000 | West Armuchee Creek near Sublingan, Ga. | 245 |
| 00490 | 1 | 03567200 | West Chickamauga Creek near Kensington, Ga. | 275 |
| 00218 | 4 | 02226700 | Whitehead Creek near Denton, Ga. | 129 |
| 00372 | 3 | 02349000 | Whitewater Creek below Rambullette Creek near Butler, Ga. | 210 |
| 00371 | 3 | 02348485 | Whitewater Creek near Butler, Ga. | 209 |
| 00176 | 2 | 02220550 | Whitten Creek near Sparta, Ga. | 108 |
| 00116 | 1 | 02205000 | Wildcat Creek near Lawrenceville, Ga. | 77 |
| 00244 | 3 | 02316200 | Willacoochee River near Ocilla, Ga. | 143 |
| 00070 | 4 | 02201000 | Williamson Swamp Creek at Davisboro, Ga. | 57 |
| 00098 | 4 | 02203543 | Wilshire Canal near Savannah, Ga. | 69 |
| 00099 | 4 | 02203544 | Wilshire Canal Tributary near Savannah, Ga. | 69 |
| 00254 | 3 | 02317748 | Withlacoochee River near Bemiss, Ga. | 148 |
| 00250 | 3 | 02317700 | Withlacoochee River near Nashville, Ga. | 146 |
| 00277 | 3 | 02318500 | Withlacoochee River near Quitman, Ga. | 158 |
| 00255 | 3 | 02317755 | Withlacoochee River near Valdosta, Ga. | 148 |
| 00251 | 3 | 02317710 | Withlacoochee River Tributary near Nashville, Ga. | 146 |
| 00292 | 3 | 02327900 | Wolf Creek near Whigham, Ga. | 166 |
| 00121 | 2 | 02207500 | Yellow River near Covington, Ga. | 79 |
| 00119 | 1 | 02206500 | Yellow River near Snellville, Ga. | 78 |
| 00333 | 1 | 02338775 | Yellowjacket Creek at Hogansville, Ga. | 188 |
| 00334 | 1 | 02338840 | Yellowjacket Creek below Hogansville, Ga. | 189 |
| 00335 | 1 | 02339000 | Yellowjacket Creek near LaGrange, Ga. | 189 |

## Table 2.--*Annual peak discharges and stage data for streamflow-gaging stations in Georgia, through September 1990*

An underscore line in the water-year column indicates discontinuous record; a line in the gage-height column indicates a change in datum and means that the gage heights above and below the line are not comparable; a line in the date and discharge columns indicates a change in gage location; and a continuous line from the date column through the discharge column indicates a change in gage locations and datum.

[a, peak stage occurred on a different day; b, peak stage below base of gage (discharge is less than published discharge, unless gage height is shown); c, historic peak; --, data not available; mi, mile; $ft^3/s$, cubic feet per second; $mi^2$, square miles; *NOTE*: Sea level is used instead of National Geodetic Vertical Datum of 1929]

### SAVANNAH RIVER BASIN

### 02177000 CHATTOOGA RIVER NEAR CLAYTON, GEORGIA

LOCATION.--Lat 34°48'50", long 83°18'22", Oconee County, S.C., on left bank 150 ft downstream from bridge on U.S. Highway 76, 2.8 mi upstream from Stekoa Creek, 7 mi southeast of Clayton, 9 mi downstream from Warwoman Creek, and 9 mi upstream from confluence with Tallulah River.

DRAINAGE AREA.--207 $mi^2$.

GAGE.--Water-stage recorder. Datum of gage is 1,165.6 ft above sea level (levels from the Georgia Department of Transportation). May 1907 to June 1908, nonrecording gage at site 400 ft upstream at different datum.

STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,700 $ft^3/s$, and extended above on basis of slope-area measurements at 15,700 and 29,000 $ft^3/s$.

REMARKS.--Peak records for 1907-08 are too short to determine annual peaks. Stage records for 1915, 1928, and 1929 from Georgia Power Company. Discharge records for 1917-27 estimated on basis of records for U.S. Geological Survey gage on Chattooga River near Tallulah Falls, Ga. (02178000); drainage area, 256 $mi^2$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1915 | Oct. 15 | 12,600 | 8.25c | 1948 | July 12 | 12,400 | 8.11 | 1970 | Nov. 02 | 3,480 | 4.15 |
| 1917 | Mar. 24 | 14,000 | -- | 1949 | June 16 | 13,900 | 8.66 | 1971 | Feb. 22 | 3,290 | 3.91 |
| 1918 | Jan. 28 | 5,900 | -- | 1950 | Mar. 13 | 4,740 | 4.73 | 1972 | Dec. 07 | 7,440 | 6.06 |
| 1919 | Dec. 22 | 16,000 | -- | 1951 | Dec. 07 | 5,220 | 5.02 | 1973 | May 28 | 19,600 | 10.74 |
| 1920 | Dec. 09 | 8,200 | -- | 1952 | Mar. 11 | 13,400 | 8.50 | 1974 | Dec. 26 | 6,400 | 5.58 |
| 1921 | Feb. 10 | 4,100 | -- | 1953 | Feb. 21 | 6,020 | 5.40 | 1975 | Sept.24 | 6,340 | 5.55 |
| 1922 | Jan. 21 | 6,200 | -- | 1954 | Jan. 22 | 6,230 | 5.50 | 1976 | May 15 | 18,500 | 10.37 |
| 1923 | Dec. 17 | 5,300 | -- | 1955 | Feb. 06 | 5,820 | 5.30 | 1977 | Mar. 13 | 13,000 | 8.25 |
| 1924 | Sept.20 | 9,200 | -- | 1956 | Apr. 16 | 5,820 | 5.30 | 1978 | Jan. 26 | 7,850 | 6.24 |
| 1925 | Dec. 08 | 3,900 | -- | 1957 | Apr. 05 | 5,820 | 5.34 | 1979 | Mar. 04 | 14,800 | 9.03 |
| 1926 | Jan. 18 | 6,200 | -- | 1958 | Nov. 19 | 5,620 | 5.20 | 1980 | Nov. 02 | 10,900 | 7.52 |
| 1927 | Dec. 26 | 3,600 | -- | 1959 | May 31 | 5,620 | 5.17 | 1981 | May 27 | 4,120 | 4.41 |
| 1928 | Aug. 15 | 20,100 | 10.90c | 1960 | Oct. 09 | 6,440 | 5.60 | 1982 | Feb. 03 | 5,000 | 4.89 |
| 1929 | Sept.26 | 11,400 | 7.70c | 1961 | Feb. 25 | 7,310 | 6.00 | 1983 | Feb. 02 | 7,910 | 6.27 |
| 1940 | Aug. 30 | 29,000 | 13.80 | 1962 | Dec. 12 | 9,660 | 7.01 | 1984 | Feb. 13 | 4,810 | 4.79 |
| 1941 | July 07 | 7,530 | 6.10 | 1963 | Mar. 06 | 5,420 | 5.10 | 1985 | Aug. 17 | 4,740 | 4.75 |
| 1942 | Feb. 17 | 6,870 | 5.75 | 1964 | Sept.29 | 9,880 | 7.08 | 1986 | Nov. 05 | 4,850 | 4.81 |
| 1943 | Dec. 29 | 6,870 | 5.80 | 1965 | Oct. 04 | 27,200 | 13.20 | 1987 | Nov. 26 | 10,400 | 7.34 |
| 1944 | Mar. 19 | 3,840 | 4.25 | 1966 | Feb. 13 | 13,400 | 8.50 | 1988 | Jan. 20 | 4,920 | 4.85 |
| 1945 | Apr. 17 | 2,930 | 3.70 | 1967 | June 04 | 15,400 | 9.27 | 1989 | July 04 | 5,200 | 5.00 |
| 1946 | Feb. 10 | 6,650 | 5.70 | 1968 | Mar. 12 | 5,620 | 5.25 | 1990 | Feb. 16 | 11,000 | 7.59 |
| 1947 | Jan. 20 | 6,440 | 5.57 | 1969 | June 15 | 14,700 | 9.00 | | | | |

## 02177100 ASHLEY CREEK NEAR CLAYTON, GEORGIA

LOCATION.--Lat 34°52'40", long 83°26'18", Rabun County, at culvert on State Highway 2, 1.2 mi west of Clayton city limits.
DRAINAGE AREA.--0.99 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 1,966 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2.6 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Some peaks may be affected by a recreational pond upstream.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1956 | Apr. 15 | 67 | 6.70 | 1961 | Sept. 05 | 103 | 7.06 | 1966 | Feb. 13 | 126 | 7.29 |
| 1957 | Apr. 04 | 44 | 6.45 | 1962 | Dec. 11 | 101 | 7.04 | 1967 | June 04 | 84 | 6.88 |
| 1958 | July 08 | 97 | 7.00 | 1963 | Apr. 30 | 55 | 6.55 | 1968 | Mar. 12 | 54 | 6.58 |
| 1959 | Sept.07 | 67 | 6.70 | 1964 | Sept. -- | 43 | --b | 1969 | Sept.04 | 61 | 6.65 |
| 1960 | Feb. 05 | 113 | 7.17 | 1965 | Oct. 04 | 212 | 8.05 | 1970 | Apr. 01 | 71 | 6.75 |

## 02178000 CHATTOOGA RIVER NEAR TALLULAH FALLS, GEORGIA

LOCATION.--Lat 34°47'31", long 83°19'22", Rabun County, on right bank 300 ft upstream from Camp Creek, 5.5 mi upstream from confluence with Tallulah River, and 8 mi east of Tallulah Falls.
DRAINAGE AREA.--256 $mi^2$.
GAGE.--Nonrecording prior to Aug. 18, 1917; water-stage recorder thereafter. Datum of gage is about 960 ft above sea level (from U.S. Army Corps of Engineers river profile).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,800 $ft^3/s$, and extended above on basis of computation of peak flows passing station near Clayton.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1917 | Mar. 24 | 17,600 | 14.00 | 1922 | Jan. 21 | 7,690 | 8.20 | 1926 | Jan. 18 | 7,760 | 8.25 |
| 1918 | Jan. 28 | 7,410 | 8.00 | 1923 | Dec. 17 | 6,610 | 7.43 | 1927 | Dec. 26 | 4,470 | 5.78 |
| 1919 | Dec. 22 | 19,600 | 15.00 | 1924 | Sept.20 | 11,500 | 10.68 | 1928 | Aug. 15 | 22,400 | 16.40 |
| 1920 | Dec. 09 | 10,200 | 9.90 | 1925 | Dec. 08 | 4,840 | 6.10 | 1929 | Sept.26 | 14,200 | 12.30 |
| 1921 | Feb. 10 | 5,100 | 6.30 | | | | | | | | |

## 02178400 TALLULAH RIVER NEAR CLAYTON, GEORGIA

LOCATION.--Lat 34°53'25", long 83°31'50", Rabun County, on right bank 100 ft downstream from county highway bridge, 120 ft downstream from Persimmon Creek, 8 mi upstream from Burton Dam, and 10.3 mi west of Clayton.
DRAINAGE AREA.--56.5 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 1,868.93 ft above sea level (levels by Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,600 $ft^3/s$, and extended above on basis of contracted-area and slope-area estimates at 7,500 $ft^3/s$. Bankfull stage and discharge, 6 ft and 2,100 $ft^3/s$.
REMARKS.--Peak discharges for 1965-66 and 1973-74 are estimated. Flood of May 28, 1973 was highest since 1940 based on information of nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Oct. 04 | 7,440 | 11.12 | 1974 | Dec. 26 | 4,660 | 8.74 | 1983 | Feb. 02 | 3,260 | 7.41 |
| 1966 | Feb. 13 | 5,140 | 9.17 | 1975 | Mar. 13 | 2,410 | 6.47 | 1984 | Feb. 14 | 2,000 | 5.96 |
| 1967 | Aug. 23 | 2,800 | 6.84 | 1976 | May 15 | 6,530 | 10.36 | 1985 | Aug. 17 | 1,010 | 4.47 |
| 1968 | Mar. 12 | 3,100 | 7.18 | 1977 | Mar. 30 | 3,580 | 7.68 | 1986 | May 27 | 980 | 4.42 |
| 1969 | June 15 | 2,470 | 6.48 | 1978 | Nov. 05 | 4,090 | 8.24 | 1987 | Nov. 26 | 3,510 | 7.69 |
| 1970 | Dec. 30 | 2,010 | 5.93 | 1979 | Mar. 04 | 6,240 | 10.12 | 1988 | Jan. 20 | 2,110 | 6.08 |
| 1971 | Feb. 22 | 976 | 4.41 | 1980 | Mar. 21 | 2,880 | 6.93 | 1989 | June 20 | 3,500 | 7.68 |
| 1972 | Dec. 07 | 2,160 | 6.11 | 1981 | May 27 | 1,600 | 5.35 | 1990 | Feb. 16 | 4,900 | 9.00 |
| 1973 | May 28 | 8,500 | 12.00 | 1982 | Feb. 03 | 1,960 | 5.88 | | | | |

## 02181800 LITTLE PANTHER CREEK NEAR TALLULAH FALLS, GEORGIA

LOCATION.--Lat 34°42'48", long 83°24'07", Habersham County, at culvert on U.S. Highway 441, 1.3 mi southwest of Tallulah Falls.
DRAINAGE AREA.--2.5 $mi^2$.
GAGE.--Crest-stage gage prior to Jan. 12, 1967; flood-stage/rainfall recorder thereafter. Datum of gage is about 1,530 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 60 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flood of June 16, 1949, was highest since 1927 based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1949 | June 16 | 710 | 11.10c | 1962 | Dec. 11 | 183 | 8.85 | 1969 | June 10 | 183 | 8.86 |
| 1956 | Apr. 14 | 78.0 | 8.20 | 1963 | Mar. 12 | 585 | 10.64 | 1970 | Mar. -- | 30.0 | --b |
| 1957 | Apr. 05 | 48.0 | 7.90 | 1964 | Jan. 24 | 194 | 8.91 | 1971 | Mar. 03 | 57.0 | 8.01 |
| 1958 | Nov. 19 | 61.0 | 8.05 | 1965 | Oct. 04 | 138 | 8.59 | 1972 | May 14 | 176 | 8.81 |
| 1959 | May 31 | 92.0 | 8.30 | 1966 | Feb. 13 | 258 | 9.24 | 1973 | May 27 | 678 | 11.01 |
| 1960 | Apr. 12 | 48.0 | 7.90 | 1967 | June 04 | 319 | 9.54 | 1974 | Dec. 31 | 43.0 | 7.84 |
| 1961 | Feb. 25 | 124 | 8.50 | 1968 | Mar. 12 | 78.0 | 8.20 | 1976 | May 29 | 300 | 9.45c |

## 02182000 PANTHER CREEK NEAR TOCCOA, GEORGIA

LOCATION.--Lat 34°40'40", long 83°20'43", Stephens County, on left bank at Yonah Dam Settlement, 0.2 mi upstream from mouth, and 7 mi north of Toccoa.
DRAINAGE AREA.--32.5 $mi^2$.
GAGE.--Water-stage recorder prior to 1972; crest-stage gage thereafter. Datum of gage is 673.53 ft above sea level (levels by Georgia Power Company).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 800 $ft^3/s$, and extended above on basis of slope-area measurements at 2,500, 5,500, and 15,000 $ft^3/s$. Bankfull stage and discharge, 10 ft and 3,350 $ft^3/s$.
REMARKS.--Gage-height record prior to 1943 furnished by Georgia Power Company.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1927 | Feb. 23 | 1,050 | 4.70 | 1944 | Mar. 19 | 2,430 | 7.20 | 1961 | Feb. 25 | 2,220 | 6.70 |
| 1928 | Aug. 15 | 3,500 | 8.40 | 1945 | Sept. 16 | 814 | 4.18 | 1962 | Dec. 12 | 2,110 | 6.54 |
| 1929 | Sept. 25 | 3,500 | 8.40 | 1946 | Jan. 06 | 5,440 | 11.30 | 1963 | Mar. 12 | 5,680 | 11.64 |
| 1930 | Mar. 08 | 650 | 3.80 | 1947 | Jan. 20 | 1,660 | 5.90 | 1964 | Jan. 25 | 2,480 | 7.15 |
| 1931 | Nov. 16 | 385 | 3.10 | 1948 | July 11 | 2,430 | 7.00 | 1965 | Oct. 04 | 4,260 | 9.79 |
| 1932 | Dec. 14 | 1,710 | 5.90 | 1949 | June 16 | 15,100 | 18.00 | 1966 | Feb. 13 | 3,660 | 8.95 |
| 1933 | Oct. 16 | 2,290 | 6.80 | 1950 | June 08 | 1,020 | 4.67 | 1967 | June 04 | 5,030 | 10.79 |
| 1934 | June 06 | 3,420 | 8.30 | 1951 | Oct. 20 | 810 | 4.18 | 1968 | Mar. 12 | 860 | 4.32 |
| 1935 | Oct. 06 | 2,780 | 7.50 | 1952 | Mar. 11 | 3,500 | 8.40 | 1969 | Feb. 02 | 2,640 | 7.49 |
| 1936 | Sept.29 | 13,500 | 17.00 | 1953 | July 22 | 3,740 | 8.78 | 1970 | Nov. 02 | 290 | 2.83 |
| 1937 | Dec. 31 | 1,470 | 5.50 | 1954 | Jan. 22 | 2,570 | 7.20 | 1971 | July 31 | 574 | 3.62 |
| 1938 | Oct. 18 | 2,150 | 6.60 | 1955 | Feb. 06 | 2,010 | 6.40 | 1972 | May 14 | 1,990 | 6.36 |
| 1939 | Aug. 17 | 7,750 | 12.70 | 1956 | Apr. 15 | 1,150 | 4.85 | 1973 | May 28 | 6,460 | 12.46 |
| 1940 | Aug. 13 | 4,540 | 9.60 | 1957 | Apr. 04 | 810 | 4.20 | 1974 | July 07 | 975 | 4.55 |
| 1941 | July 07 | 2,360 | 6.90 | 1958 | Nov. 19 | 592 | 3.65 | 1975 | Mar. 13 | 12,200 | 16.73 |
| 1942 | Feb. 16 | 3,910 | 8.90 | 1959 | May 31 | 1,530 | 5.60 | 1976 | May 29 | 4,000 | 9.42 |
| 1943 | Apr. 19 | 2,180 | 6.80 | 1960 | Feb. 05 | 1,000 | 4.60 | 1978 | Nov. 05 | 5,300 | 11.16 |

## 02184000 TUGALOO RIVER NEAR HARTWELL, GEORGIA

LOCATION.--Lat 34°29'06", long 82°54'33", Hart County, on right bank 0.75 mi upstream from Beaverdam Creek, 5 mi upstream from confluence with Seneca River, and 10 mi north of Hartwell.
DRAINAGE AREA.--909 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 570 ft above sea level (by barometer). April 1925 to September 1927 at datum about 1 ft higher.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 28,000 $ft^3/s$.
REMARKS.--The peak discharges have minor regulations from powerplants above station and from Lake Burton and Mathis Reservoir on the Tallulah River. Lake Burton (maximum flood-control storage, 106,000 acre-ft) completed in 1926, and Mathis Reservoir (maximum flood-control storage, 23,000 acre-ft) completed in 1914, regulate the flow from 150 $mi^2$ of Tallulah River basin. Station inundated by Hartwell Reservoir since October 1959.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1926 | Jan. 18 | 18,200 | 8.76 | 1946 | Jan. 07 | 25,400 | 10.30 | 1954 | Jan. 16 | 19,200 | 8.98 |
| 1927 | Dec. 29 | 9,140 | 6.67 | 1947 | Jan. 20 | 15,200 | 8.25 | 1955 | Feb. 07 | 18,200 | 8.67 |
| 1940 | Aug. 31 | 28,600 | 10.80 | 1948 | July 13 | 18,800 | 8.98 | 1956 | Apr. 16 | 12,800 | 7.64 |
| 1941 | July 07 | 13,200 | 7.80 | 1949 | June 17 | 27,800 | 10.40 | 1957 | Apr. 05 | 16,700 | 8.50 |
| 1942 | Feb. 17 | 20,500 | 9.40 | 1950 | Sept.09 | 12,800 | 7.61 | 1958 | Nov. 19 | 10,300 | 6.90 |
| 1943 | Dec. 29 | 17,400 | 8.70 | 1951 | Oct. 20 | 15,300 | 8.22 | 1959 | June 01 | 12,800 | 7.60 |
| 1944 | Mar. 20 | 18,800 | 8.96 | 1952 | Mar. 11 | 25,100 | 10.00 | 1960 | Feb. 06 | 12,400 | 7.60 |
| 1945 | Feb. 23 | 8,600 | 6.55 | 1953 | Feb. 21 | 15,300 | 8.25 | | | | |

## 02187500 SAVANNAH RIVER NEAR IVA, SOUTH CAROLINA

LOCATION.--Lat 34°15'20", long 82°44'42", Anderson County, on left bank at downstream side of bridge on State Highway 184, 0.5 mi upstream from Little Generostee Creek, 5.8 mi southwest of Iva, and at mile 296.5.
DRAINAGE AREA.--2,231 $mi^2$.
GAGE.--Recording. Datum of gage is 432.26 ft above sea level (levels by U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements.
REMARKS.--Peak discharges regulated by storage in Hartwell Reservoir (maximum flood-control storage, 1,708,600 acre-ft) subsequent to 1959. Minor regulation from Lake Burton and Mathis Reservoir. (See station 0218400.)

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1950 | Oct. 08 | 27,500 | -- | 1961 | Mar. 07 | 10,400 | 5.79 | 1972 | Jan. 07 | 31,000 | 8.43 |
| 1951 | Oct. 21 | 27,200 | 8.98 | 1962 | Dec. 18 | 21,200 | 7.89 | 1973 | Dec. 15 | 32,000 | 8.57 |
| 1952 | Mar. 12 | 54,400 | 12.74 | 1963 | Apr. 30 | 21,400 | 7.86 | 1974 | Aug. 09 | 28,100 | 8.01 |
| 1953 | Feb. 22 | 36,800 | 10.44 | 1964 | Apr. 08 | 44,300 | 11.25 | 1975 | Mar. 13 | 33,700 | 8.82 |
| 1954 | Jan. 16 | 44,200 | 11.28 | 1965 | Oct. 05 | 29,500 | 8.87 | 1976 | Mar. 31 | 29,600 | 8.23 |
| 1955 | Feb. 07 | 34,000 | 10.04 | 1966 | Mar. 04 | 35,000 | 9.79 | 1977 | Mar. 30 | 28,800 | 8.12 |
| 1956 | Apr. 16 | 31,200 | 9.65 | 1967 | June 06 | 30,800 | 8.88 | 1978 | Jan. 25 | 31,300 | 8.47 |
| 1957 | Apr. 06 | 34,800 | 10.08 | 1968 | Jan. 12 | 29,000 | 8.58 | 1979 | Apr. 13 | 33,300 | 8.73 |
| 1958 | Nov. 19 | 32,000 | 9.67 | 1969 | May 02 | 28,100 | 8.44 | 1980 | Mar. 28 | 30,500 | 8.36 |
| 1959 | Apr. 13 | 22,000 | 8.22 | 1970 | July 29 | 28,600 | 8.51 | 1981 | July 24 | 27,800 | 7.99 |
| 1960 | Apr. 06 | 12,300 | 6.16 | 1971 | Mar. 03 | 31,300 | 8.96 | | | | |

## 02188500 BEAVERDAM CREEK AT DEWY ROSE, GEORGIA
(Formerly published as "South Beaverdam Creek at Dewy Rose, Georgia")

LOCATION.--Lat 34°10'52", long 82°56'38", Elbert County, on left bank 50 ft upstream from highway bridge, 1 mi northeast of Dewy Rose, and 3 mi upstream from confluence with North Beaverdam Creek.
DRAINAGE AREA.--35.8 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 581.07 ft above sea level, supplementary adjustment of 1936 (from U.S. Coast and Geodetic Survey benchmark). Prior to Nov. 20, 1952, nonrecording gage at same site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,300 $ft^3/s$, and extended above on basis of slope-area measurements at 6,570 $ft^3/s$. Bankfull and stage discharge, 12 ft and 2,900 $ft^3/s$.
HISTORICAL DATA.--Flood-stage of Aug. 25, 1852 and Aug. 25, 1908, based on information furnished by local resident. Flood-peak of Aug. 15, 1928, determined from floodmark. Flood of June 4, 1967, was highest since 1908 based on information furnished by local resident.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1852 | Aug. 25 | 9,000 | 22.60c | 1953 | Feb. 21 | 760 | 6.50 | 1966 | Mar. 04 | 2,920 | 12.81 |
| 1908 | Aug. 25 | 9,000 | 22.60c | 1954 | Jan. 17 | 900 | 7.20 | 1967 | June 04 | 6,570 | 16.90 |
| 1928 | Aug. 15 | 4,300 | 16.80c | 1955 | Feb. 07 | 840 | 6.90 | 1968 | Dec. 12 | 726 | 5.81 |
| 1943 | Jan. 18 | 2,600 | 13.40 | 1956 | Mar. 17 | 1,100 | 8.10 | 1969 | Jan. 20 | 2,930 | 12.12 |
| 1944 | Mar. 20 | 891 | 6.90 | 1957 | Apr. 06 | 948 | 8.97 | 1970 | Mar. 22 | 437 | 4.59 |
| 1945 | Apr. 25 | 1,110 | 8.00 | 1958 | Nov. 19 | 1,540 | 10.84 | 1971 | Mar. 03 | 1,730 | 9.51 |
| 1946 | Jan. 07 | 1,450 | 9.60 | 1959 | June 01 | 438 | 5.80 | 1972 | Jan. 11 | 1,400 | 8.44 |
| 1947 | Jan. 20 | 1,240 | 8.60 | 1960 | July 29 | 1,010 | 8.45 | 1973 | Dec. 15 | 2,500 | 11.27 |
| 1948 | Nov. 12 | 990 | 7.40 | 1961 | Feb. 21 | 2,060 | 12.20 | 1974 | Jan. 01 | 1,500 | 8.75 |
| 1949 | Nov. 29 | 1,910 | 11.10 | 1962 | Dec. 13 | 1,910 | 11.00 | 1975 | Mar. 14 | 2,300 | 10.72 |
| 1950 | Sept. 09 | 189 | 3.35 | 1963 | Apr. 30 | 2,330 | 12.19 | 1976 | Mar. 16 | 1,380 | 8.26 |
| 1951 | Oct. 20 | 1,880 | 11.00 | 1964 | Mar. 26 | 3,400 | 14.00 | 1977 | Jan. 10 | 660 | 5.69 |
| 1952 | Mar. 04 | 1,520 | 9.80 | 1965 | Dec. 27 | 1,550 | 8.94a | | | | |

## 02189000 SAVANNAH RIVER NEAR CALHOUN FALLS, SOUTH CAROLINA

LOCATION.--Lat 34°04'15", long 82°38'30", Abbeville County, on left bank 150 ft upstream from bridge on State Highway 72, 1.0 mi downstream from Seaboard Coast Line Railroad bridge, 1.5 mi downstream from Rocky River, 3.0 southwest of Calhoun Falls, and at mile 279.7.

DRAINAGE AREA.--2,876 $mi^2$. At site used prior to Mar. 13, 1930
, 2,712 $mi^2$.

GAGE.--Nonrecording gage prior to Mar. 13, 1930; recording Mar. 13, 1930 to July 30, 1932; nonrecording July 31, 1932 to Mar. 31, 1938; recording thereafter. Datum of gage is 363.53 ft above sea level. At site 1 mi upstream at datum 5.5 ft higher prior to July 1, 1928. At or near present site at datum 2 ft higher from July 1, 1928 to Mar. 12, 1930.

STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 14,000 $ft^3/s$ at former site. Peak discharges for 1904-1927 are from rating table based on discharge measurements made 1896-1903. Defined by current-meter measurements below 50,000 $ft^3/s$, and extended above on basis of area-velocity studies and logarithmic plotting at present site.

REMARKS.--Peak discharges regulated by storage in Hartwell Reservoir (maximum flood-control storage, 1,708,600 acre-ft) subsequent to 1959. Minor regulation from Lake Burton and Mathis Reservoir. (See station 0218400.) Gage height, Jan. 1, 1904 to Mar. 12, 1930, and from July 31, 1932 to Mar. 31, 1938, from graphs based on gage readings by the U.S. Weather Bureau. Records for Mar. 13, 1930, to July 30, 1932, furnished by Commonwealth and Southern Corporation in connection with a Federal Power Commission license.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1897 | Apr. 05 | 57,400 | 15.30c | 1926 | Jan. 19 | 28,300 | 8.60 | 1953 | Feb. 22 | 38,400 | 6.94 |
| 1900 | Feb. 14 | 76,500 | 19.70 | 1927 | Dec. 29 | 27,800 | 8.50 | 1954 | Jan. 17 | 44,600 | 7.44 |
| 1901 | Sept.18 | 66,500 | 17.40 | 1928 | Aug. 17 | 130,000 | 11.90 | 1955 | Feb. 07 | 40,200 | 6.89 |
| 1902 | Feb. 28 | 76,100 | 19.60 | 1929 | Sept.27 | 85,400 | 8.70 | 1956 | Sept.26 | 40,200 | 7.02 |
| 1903 | June 07 | 57,800 | 15.40 | 1930 | Oct. 02 | 105,000 | 10.10 | 1957 | Apr. 06 | 38,100 | 6.79 |
| 1904 | Aug. 09 | 33,900 | 9.90 | 1931 | Apr. 23 | 15,800 | 4.22 | 1958 | Nov. 19 | 38,100 | 6.76 |
| 1905 | July 02 | 47,400 | 13.00 | 1932 | Dec. 04 | 41,400 | 7.10 | 1959 | June 02 | 32,800 | 6.41 |
| 1906 | Mar. 20 | 42,200 | 11.80 | 1933 | Oct. 17 | 97,600 | 11.60 | 1960 | Feb. 13 | 19,600 | 5.03 |
| 1907 | Oct. 04 | 33,900 | 9.90 | 1934 | June 05 | 39,400 | 7.00 | 1961 | Mar. 08 | 17,400 | 4.79 |
| 1908 | Aug. 25 | 114,000 | 28.20 | 1935 | Jan. 10 | 29,400 | 6.00 | 1962 | Dec. 19 | 26,000 | 5.62 |
| 1909 | June 04 | 43,900 | 12.20 | 1936 | Apr. 07 | 96,200 | 11.50 | 1963 | Apr. 30 | 30,900 | 6.12 |
| 1910 | Mar. 01 | 45,200 | 12.50 | 1937 | Oct. 01 | 63,000 | 9.00 | 1964 | Apr. 08 | 60,000 | 8.08 |
| 1911 | Jan. 04 | 23,500 | 7.50 | 1938 | Oct. 20 | 53,100 | 8.20 | 1965 | Oct. 06 | 44,800 | 6.91 |
| 1912 | Mar. 16 | 75,700 | 19.50 | 1939 | Aug. 19 | 49,600 | 7.88 | 1966 | Mar. 04 | 52,500 | 7.50 |
| 1913 | Mar. 15 | 48,300 | 13.20 | 1940 | Aug. 13 | 96,500 | 11.52 | 1967 | June 05 | 39,900 | 6.76 |
| 1914 | Dec. 30 | 22,200 | 7.20 | 1941 | July 07 | 36,300 | 6.70 | 1968 | Jan. 10 | 33,200 | 6.17 |
| 1915 | July 01 | 38,300 | 10.90 | 1942 | Feb. 18 | 47,200 | 7.73 | 1969 | Jan. 20 | 43,400 | 7.04 |
| 1916 | Dec. 30 | 44,800 | 12.40 | 1943 | Jan. 18 | 53,100 | 8.21 | 1970 | July 29 | 32,000 | 5.89 |
| 1917 | Mar. 25 | 40,000 | 11.30 | 1944 | Mar. 20 | 49,500 | 7.91 | 1971 | Mar. 04 | 45,600 | 6.97 |
| 1918 | Aug. 03 | 26,100 | 8.10 | 1945 | Apr. 25 | 33,300 | 6.40 | 1972 | Jan. 10 | 35,700 | 6.20 |
| 1919 | Dec. 23 | 59,100 | 15.70 | 1946 | Jan. 08 | 68,400 | 9.41 | 1973 | Dec. 16 | 43,400 | 6.80 |
| 1920 | Dec. 10 | 63,100 | 16.60 | 1947 | Jan. 20 | 44,800 | 7.47 | 1974 | Apr. 05 | 31,400 | 5.84 |
| 1921 | Feb. 09 | 51,800 | 14.00 | 1948 | Mar. 07 | 29,800 | 6.11 | 1975 | Mar. 14 | 47,100 | 7.32 |
| 1922 | Mar. 11 | 34,800 | 10.10 | 1949 | Nov. 29 | 61,800 | 8.94 | 1976 | Mar. 16 | 39,400 | 6.72 |
| 1923 | Dec. 19 | 35,700 | 10.30 | 1950 | Oct. 08 | 29,400 | 5.98 | 1977 | Mar. 30 | 35,200 | 6.35 |
| 1924 | Sept.21 | 40,000 | 11.30 | 1951 | Oct. 21 | 28,800 | 5.98 | 1978 | Jan. 26 | 45,000 | 7.16 |
| 1925 | Jan. 19 | 31,700 | 9.40 | 1952 | Mar. 24 | 58,000 | 8.65 | | | | |

## 02189020 INDIAN CREEK NEAR CARNESVILLE, GEORGIA

LOCATION.--Lat 34°21'19", long 83°17'16", Franklin County, at culvert on State Highway 59, 3.2 mi west of Carnesville.
DRAINAGE AREA.--7.63 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 635 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 700 $ft^3/s$, and extended above on basis of area-velocity determinations. Bankfull stage and discharge, 7 ft and 850 $ft^3/s$.
REMARKS.--Flood of May 29, 1976 was highest since 1961, based on comparison with nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 25 | 920 | 7.35 | 1969 | Apr. 18 | 1,080 | 7.95 | 1973 | Mar. 16 | 912 | 7.31 |
| 1965 | Mar. 25 | 495 | 4.58 | 1970 | Aug. 10 | 279 | 2.59 | 1974 | Dec. 31 | 803 | 6.75 |
| 1966 | Mar. 04 | 1,160 | 8.16 | 1971 | Aug. 04 | 900 | 7.25 | 1975 | Mar. 13 | 795 | 6.70 |
| 1967 | June 04 | 774 | 6.56 | 1972 | Jan. 10 | 699 | 6.06 | 1976 | May 29 | 3,150 | 9.94 |
| 1968 | June 08 | 444 | 4.16 | | | | | | | | |

## 02189030 STEPHENS CREEK TRIBUTARY AT CARNESVILLE, GEORGIA

LOCATION.--Lat 34°21'51", long 83°13'16", Franklin County, at culvert on State Highway 145, 0.9 mi southeast of Carnesville.
DRAINAGE AREA.--0.39 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 680 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 8 $ft^3/s$, and extended above on basis of culvert computations. Bankfull stage and discharge, 4 ft and 145 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 25 | 138 | 3.87 | 1969 | Apr. 18 | 181 | 4.50 | 1973 | May 12 | 152 | 4.07 |
| 1965 | Mar. -- | 54.0 | --b | 1970 | Sept. 04 | 60.0 | 2.67 | 1974 | Dec. 31 | 134 | 3.81 |
| 1966 | Mar. 04 | 173 | 4.37 | 1971 | July 25 | 64.0 | 2.73 | 1975 | Mar. 13 | 134 | 3.81 |
| 1967 | June 04 | 150 | 4.05 | 1972 | Jan. 10 | 64.0 | 2.73 | 1976 | Mar. 29 | 150 | 5.04 |
| 1966 | June 11 | 66.0 | 2.77 | | | | | | | | |

## 02189050 NORTH FORK BROAD RIVER ABOVE TOCCOA, GEORGIA
(North Fork Broad River Subwatershed No. 1)

LOCATION.--Lat 34°34'25", long 83°22'00", Stephens County, in pool of flood-detention reservoir on left side of downstream headwall of culvert under county road (abandoned railroad embankment), 1.5 mi west of Toccoa, and 2.2 mi upstream from Denmans Creek.
DRAINAGE AREA.--3.66 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 894.34 ft above sea level (levels by U.S. Soil Conservation Service).
REMARKS.--Peak discharges listed are computed inflow values (average for 15-minute interval).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | Sept.07 | 186 | -- | 1962 | Dec. 12 | 295 | -- | 1965 | Oct. 04 | 85 | -- |
| 1960 | Feb. 05 | 174 | -- | 1963 | Mar. 06 | 839 | -- | 1966 | Feb. 13 | 577 | -- |
| 1961 | Feb. 25 | 571 | -- | 1964 | Jan. 25 | 610 | -- | 1969 | Aug. 22 | 308 | --c |

## 02189500 NORTH FORK BROAD RIVER NEAR TOCCOA, GEORGIA

LOCATION.--Lat 34°30'49", long 83°19'19", Stephens County, on right bank 50 ft upstream from relocated bridge on State Highway 106, 1 mi downstream from Carnes Creek, and 5 mi south of Toccoa.
DRAINAGE AREA.--18.3 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 750.41 ft above sea level (levels by U.S. Soil Conservation Service). Prior to July 14, 1960, at site 50 ft downstream at same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,100 $ft^3/s$, and extended above on the basis of straight-line extension..
REMARKS.--Storm runoff affected for short periods by five flood-detention reservoirs (combined capacity, 1,560 acre-ft).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | Feb. 06 | 1,060 | 8.33 | 1960 | Feb. 05 | 643 | 5.70 | 1965 | Oct. 05 | 655 | 4.46 |
| 1956 | Apr. 16 | 830 | 7.50 | 1961 | Feb. 25 | 1450 | 9.00 | 1966 | Mar. 04 | 1,770 | 8.93 |
| 1957 | Apr. 05 | 640 | 6.42 | 1962 | Dec. 12 | 1030 | 7.30 | 1967 | June 04 | 998 | 5.83 |
| 1958 | Feb. 26 | 570 | 5.90 | 1963 | Mar. 06 | 2000 | 10.30 | 1968 | Mar. 12 | 1,210 | 5.87 |
| 1959 | Sept. 07 | 730 | 6.14 | 1964 | Jan. 25 | 1540 | 8.51 | 1969 | Jan. 20 | 1,140 | 6.30 |

## 02189600 BEAR CREEK (NORTH FORK BROAD RIVER NEAR SUBWATERSHED NO. 6) NEAR MIZE, GEORGIA

LOCATION.--Lat 34°29'07", long 83°18'38", Stephens County, at edge of pool 255 ft upstream from left end of earthfill dam on Bear Creek, 1 mi upstream from mouth, and 2 mi east of Mize.
DRAINAGE AREA.--3.62 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 743.13 ft above sea level (levels by U.S. Soil Conservation Service).
REMARKS.--Peak discharges listed are computed inflow values (average for 15-minute interval).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1957 | Apr. 05 | 287 | -- | 1962 | Dec. 12 | 457 | -- | 1966 | Mar. 04 | 728 | -- |
| 1958 | July 14 | 316 | -- | 1963 | Mar. 05 | 1,000 | -- | 1967 | June 04 | 267 | -- |
| 1959 | May 31 | 396 | -- | 1964 | Mar. 25 | 658 | -- | 1968 | Dec. 11 | 150 | -- |
| 1960 | Feb. 05 | 249 | -- | 1965 | Mar. 17 | 121 | -- | 1969 | Aug. 22 | 1,780 | -- |
| 1961 | Feb. 21 | 644 | -- | | | | | | | | |

## 02190000 NORTH FORK BROAD RIVER NEAR LAVONIA, GEORGIA

LOCATION.--Lat 34°27'10", long 83°14'23", Franklin County, on right bank 50 ft above bridge on county road, 2.1 mi upstream from Toms Creek and 7.8 mi west of Lavonia.
DRAINAGE AREA.--42.0 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 680.36 ft above sea level (levels by U.S. Soil Conservation Service).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,750 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--Storm runoff affected by eight small flood-detention reservoirs (combined capacity, 4,420 acre-ft).
HISTORICAL DATA.--Flood stages of 1933 and 1950 based on information provided by local resident.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1933 | Apr. -- | -- | 17.50c | 1959 | May 31 | 1,060 | 11.00 | 1965 | Mar. 26 | 800 | 8.56 |
| 1950 | July 00 | -- | 15.50c | 1960 | Feb. 05 | 1,010 | 9.64 | 1966 | Mar. 04 | 1,920 | 11.25 |
| 1955 | Feb. 07 | 1,500 | 11.80 | 1961 | Feb. 21 | 1,770 | 11.50 | 1967 | June 04 | 1,460 | 10.02 |
| 1956 | Apr. 16 | 1,060 | 11.00 | 1962 | Dec. 12 | 1,920 | 11.80 | 1968 | Mar. 12 | 935 | 8.85 |
| 1957 | Apr. 05 | 950 | 10.73 | 1963 | Mar. 06 | 2,240 | 12.70 | 1969 | Aug. 22 | 2,220 | 12.31 |
| 1958 | Apr. 15 | 570 | 9.37 | 1964 | Mar. 26 | 1,710 | 11.40 | | | | |

## 02190100 TOMS CREEK (NORTH FORK BROAD RIVER SUBWATERSHED NO. 11) NEAR EASTANOLLEE, GEORGIA

LOCATION.--Lat 34°29'01", long 83°14'02", Stephens County, on edge of pool, about 750 ft upstream from left end of earthfill dam, 2 mi south of Eastanollee, and 4 mi upstream from mouth.
DRAINAGE AREA.--3.79 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 730.60 ft above sea level (levels by U.S. Soil Conservation Service).
REMARKS.--Peak discharges listed are computed inflow values (average for 15-minute interval).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1957 | Apr. 05 | 335 | -- | 1962 | Dec. 12 | 521 | -- | 1966 | Mar. 04 | 679 | -- |
| 1958 | Aug. 24 | 360 | -- | 1963 | Mar. 06 | 1,020 | -- | 1967 | June 04 | 664 | -- |
| 1959 | Apr. 12 | 376 | -- | 1964 | Mar. 25 | 718 | -- | 1968 | Mar. 12 | 235 | -- |
| 1960 | Feb. 05 | 209 | -- | 1965 | July 28 | 379 | -- | 1969 | Aug. 22 | 2,270 | -- |
| 1961 | Feb. 25 | 565 | -- | | | | | | | | |

02190200 TOMS CREEK TRIBUTARY (NORTH FORK BROAD RIVER SUBWATERSHED NO. 14) NEAR AVALON, GEORGIA

LOCATION.--Lat 34°29'35", long 83°13'23", Stephens County, at upstream edge of crown in earthfill dam on unnamed tributary to Toms Creek, 0.8 mi upstream from mouth, and 1.6 mi southwest of Avalon.
DRAINAGE AREA.--1.20 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 735.33 ft above sea level (levels by U.S. Soil Conservation Service).
REMARKS.--Peak discharges listed are computed inflow values (average for 15-minute interval).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | Feb. 06 | 128 | -- | 1960 | Mar. 30 | 274 | -- | 1965 | July 14 | 341 | -- |
| 1956 | July 05 | 628 | -- | 1961 | Feb. 21 | 319 | -- | 1967 | June 04 | 485 | -- |
| 1957 | July 24 | 166 | -- | 1962 | Dec. 12 | 352 | -- | 1968 | June 11 | 117 | -- |
| 1958 | Aug. 24 | 350 | -- | 1963 | Mar. 05 | 726 | -- | 1969 | Aug. 22 | 541 | -- |
| 1959 | July 18 | 432 | -- | 1964 | Mar. 25 | 439 | -- | | | | |

02190500 TOMS CREEK NEAR MARTIN, GEORGIA

LOCATION.--Lat 34°27'47", long 83°13'19", Stephens County, on left bank 30 ft downstream from county road bridge, 1.2 mi upstream from mouth, and 3 mi southwest of Martin.
DRAINAGE AREA.--10.3 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 681.66 ft above sea level (levels by U.S. Soil Conservation Service).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 750 $ft^3/s$, and extended above on basis of area-velocity study
REMARKS.--Storm runoff at gage affected by four flood-detention reservoirs (combined capacity, 1,600 acre-ft).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | Feb. 06 | 700 | 8.40 | 1960 | Mar. 30 | 544 | 7.42 | 1965 | July 28 | 563 | 6.33 |
| 1956 | Mar. 16 | 726 | 8.41 | 1961 | Feb. 21 | 880 | 8.80 | 1966 | Mar. 04 | 795 | 7.74 |
| 1957 | Apr. 05 | 304 | 7.88 | 1962 | Dec. 12 | 830 | 8.15 | 1967 | June 04 | 750 | 7.56 |
| 1958 | Aug. 24 | 278 | 8.03 | 1963 | Mar. 06 | 1,300 | 9.40 | 1968 | Dec. 11 | 347 | 5.17 |
| 1959 | May 31 | 484 | 6.92 | 1964 | Mar. 25 | 810 | 7.84 | 1969 | Aug. 22 | 1,540 | 10.10 |

## 02190800 DOUBLE BRANCH AT BOWERSVILLE, GEORGIA

LOCATION.--Lat 34°22'51", long 83°05'28", Hart County, at culvert on State Highway 17 at Bowersville.
DRAINAGE AREA.--0.50 $mi^2$.
GAGE.--Crest-stage gage prior to Sept. 23, 1965; flood-stage recorder Sept. 23, 1965 to Nov. 15, 1967; flood-stage/rainfall recorder thereafter. Datum of gage is about 790 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | July 28 | 278 | 4.78 | 1966 | Mar. 04 | 190 | 3.86 | 1971 | June 27 | 115 | 3.04 |
| 1961 | Feb. 21 | 243 | 4.42 | 1967 | June 04 | 396 | 5.94 | 1972 | Jan. 13 | 81 | 2.64 |
| 1962 | Dec. 12 | 230 | 4.27 | 1968 | Dec. 11 | 106 | 2.94 | 1973 | May 27 | 336 | 5.34 |
| 1963 | Apr. 30 | 273 | 4.73 | 1969 | Apr. 18 | 449 | 6.47 | 1974 | Dec. 31 | 115 | 3.04 |
| 1964 | Apr. 06 | 275 | 4.76 | 1970 | July 00 | 48 | --b | 1975 | Mar. 13 | 126 | 3.17 |
| 1965 | Mar. -- | 78 | --b | | | | | | | | |

## 02191000 NORTH FORK BROAD RIVER NEAR CARNESVILLE, GEORGIA

LOCATION.--Lat 34°19'25", long 83°11'10", Franklin County, at bridge on State Highway 51, 1 mi downstream from Unawatti Creek, 3 mi upstream from confluence with Middle Fork Broad River, and 4.5 mi southeast of Carnesville.
DRAINAGE AREA.--119 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 600.33 ft above sea level, supplementary adjustment of 1936 (from U.S. Coast and Geodetic Survey benchmark). October 1, 1942 to Dec. 31, 1944, wire-weight gage. April 29, 1954 to Sept. 27, 1963, water-stage recorder, and Sept. 28. 1963 to Dec. 17, 1964, water-stage recorder at site 125 ft upstream at same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,000 $ft^3/s$, and extended above on basis on slope-area measurements at 11,400 $ft^3/s$.
REMARKS.--Storm runoff affected for short periods since 1955 by small flood-detention reservoirs above gage (combined capacity, 9,520 acre-ft).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1943 | Jan. 18 | 3,400 | 7.60 | 1959 | June 01 | 1,330 | 5.20 | 1965 | Mar. 26 | 2,200 | 6.55 |
| 1944 | Mar. 29 | 2,670 | 6.80 | 1960 | Feb. 05 | 2,670 | 6.81 | 1966 | Mar. 04 | 6,250 | 10.68 |
| 1951 | Oct. 20 | 5,000 | 9.47c | 1961 | Feb. 21 | 11,400 | 14.60 | 1967 | June 04 | 8,060 | 12.20 |
| 1955 | Feb. 07 | 1,800 | 5.70 | 1962 | Dec. 12 | 6,230 | 10.30 | 1968 | Jan. 10 | 2,240 | 6.55 |
| 1956 | Mar. 16 | 2,760 | 6.90 | 1963 | Mar. 06 | 9,100 | 13.00 | 1969 | Apr. 18 | 5,500 | 10.00 |
| 1957 | Apr. 05 | 2,060 | 5.95 | 1964 | Mar. 26 | 7,930 | 12.08 | 1976 | May 29 | 11,800 | 14.80c |
| 1958 | Nov. 19 | 1,950 | 5.85 | | | | | | | | |

## 02191200 HUDSON RIVER AT HOMER, GEORGIA

LOCATION.--Lat 34°20'15", long 83°29'17", Banks County, on downstream side of center pier of bridge on State Highway 15 at Homer, 3.6 mi upstream from Webb Creek, and 10.8 mi upstream from Grove Creek.
DRAINAGE AREA.--60.9 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 694.61 ft above sea level (from U.S. Geological Survey benchmark). July 10, 1950 to June 19, 1959, crest-stage gage at site 60 ft downstream at same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,100 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 6 ft, 550 $ft^3/s$.
REMARKS.--Peak discharge for 1953 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Oct. 20 | 2,270 | 10.41 | 1961 | Feb. 21 | 3,750 | 12.20 | 1971 | Mar. 03 | 938 | 7.64 |
| 1952 | Mar. 04 | 5,660 | 13.76 | 1962 | Dec. 12 | 3,350 | 11.90 | 1972 | May 14 | 2,330 | 10.34 |
| 1953 | Feb. 21 | 1,250 | -- | 1963 | Mar. 06 | 4,080 | 12.50 | 1973 | Mar. 17 | 1,750 | 9.44 |
| 1954 | Jan. 16 | 2,830 | 11.04 | 1964 | Mar. 26 | 4,530 | 12.86 | 1974 | Jan. 01 | 2,980 | 11.27 |
| 1955 | Feb. 07 | 2,050 | 9.89 | 1965 | Mar. 25 | 1,180 | 8.15 | 1975 | Mar. 14 | 2,250 | 10.23 |
| 1956 | Mar. 16 | 1,420 | 8.93 | 1966 | Mar. 04 | 3,950 | 12.38 | 1976 | May 29 | 7,050 | 14.73 |
| 1957 | Apr. 05 | 1,290 | 8.60 | 1967 | Jan. 08 | 1,920 | 9.66 | 1977 | Mar. 30 | 4,280 | 12.48 |
| 1958 | Apr. 15 | 792 | 6.87 | 1968 | Mar. 13 | 1,250 | 8.47 | 1978 | Nov. 06 | 3,070 | 11.27 |
| 1959 | May 31 | 1,120 | 8.06 | 1969 | Aug. 22 | 5,580 | 13.70 | 1979 | Apr. 13 | 4,920 | 13.10 |
| 1960 | July 28 | 1,140 | 8.12 | 1970 | Mar. 22 | 686 | 6.78 | | | | |

## 02191270 SCULL SHOAL CREEK NEAR DANIELSVILLE, GEORGIA

LOCATION.--Lat 34°09'30", long 83°09'51", Madison County, at State Highway 191, 4 mi northeast of Danielsville.
DRAINAGE AREA.--8.75 $mi^2$.
GAGE.--Crest-stage gage prior to Nov. 15, 1969; flood-stage recorder Nov. 15, 1967 to Apr. 2, 1968; Flood-stage/rainfall recorder thereafter. Datum of gage is about 610 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 700 $ft^3/s$, and extended above on basis of contracted-opening measurement at 4,380 $ft^3/s$. Bankfull stage and discharge, 8 ft, and 500 $ft^3/s$.
REMARKS.--Flood of June 4, 1967 was highest since 1961 based on comparison with nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | May 06 | 708 | 8.77 | 1968 | Dec. 12 | 333 | 7.32 | 1972 | Jan. 10 | 460 | 7.92 |
| 1965 | June 12 | 551 | 8.27 | 1969 | Jan. 20 | 792 | 8.98 | 1973 | Mar. 31 | 1,670 | 10.70 |
| 1966 | Mar. 04 | 1,200 | 9.89 | 1970 | Mar. 20 | 131 | 5.52 | 1974 | Dec. 31 | 220 | 6.54 |
| 1967 | June 04 | 4,380 | 13.10 | 1971 | Mar. 03 | 956 | 9.39 | 1975 | Mar. 14 | 848 | 9.12 |

## 02191280 MILL SHOAL CREEK NEAR ROYSTON, GEORGIA

LOCATION.--Lat 34°16'13", long 83°06'08", Hart County, at culvert on State Highway 17, 1.2 mi southeast of Royston.
DRAINAGE AREA.--0.32 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Sept. 30, 1975. Crest-stage gage thereafter. Datum of gage is about 770 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 25 | 169 | 4.99 | 1972 | Jan. 10 | 57 | 2.98 | 1980 | May 21 | 133 | 4.39 |
| 1965 | Mar. 17 | 97 | 3.78 | 1973 | Mar. 16 | 174 | 5.05 | 1981 | Sept.08 | 154 | 4.74 |
| 1966 | Mar. 04 | 118 | 4.13 | 1974 | Jan. 21 | 137 | 4.45 | 1982 | Jan. 04 | 232 | 5.96 |
| 1967 | June 04 | 211 | 5.66 | 1975 | Mar. 14 | 152 | 4.70 | 1983 | Apr. 09 | 44 | 2.68 |
| 1968 | Dec. 11 | 24 | 2.16 | 1976 | May 29 | 106 | 3.93 | 1984 | Dec. 03 | 139 | 4.48 |
| 1969 | Apr. 15 | 150 | 4.66 | 1977 | Aug. 18 | 45 | 2.69 | 1985 | June 30 | 160 | 4.83 |
| 1970 | Mar. -- | 15 | --b | 1978 | Nov. 05 | 159 | 4.81 | 1986 | Mar. -- | 15.0 | --b |
| 1971 | July 05 | 108 | 3.96 | 1979 | July 21 | 133 | 4.38 | 1987 | Jan. 19 | 51.0 | 2.86 |

## 02191300 BROAD RIVER ABOVE CARLTON, GEORGIA
(Prior to January 1, 1918, published as "Broad River near Carlton, Georgia")

LOCATION.--Lat 34°04'24", long 83°00'12", Madison County, at State Highway 72, 2.7 mi upstream from South Fork Broad River and 2.8 mi northeast of Carlton.
DRAINAGE AREA.--760 $mi^2$. At former site, 762 $mi^2$. Peak discharges at both sites are considered equivalent.
GAGE.--Nonrecording. Datum of gage is 406.55 ft above sea level (Global Positioning System, from U.S. Geological Survey benchmark). Prior to Jan. 1, 1918, at Seaboard Coast Line Railway bridge about 0.75 mi downstream at datum 5.67 ft lower.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 8,300 $ft^3/s$, and extended above to 70,000 $ft^3/s$, by logarithmic plotting at former site. Peak discharges 1913-18 are from rating table based on mesurements made 1898-1912. Defined by current-meter measurements below 20,000 $ft^3/s$ at present site. Peaks 1918-49 are from rating table based on discharge measurements made after 1950. Bankfull stage and discharge, 15 ft and 8,000 $ft^3/s$.
REMARKS.--Stage record since Jan. 1, 1913, furnished by National Weather Service (formerly U.S. Weather Bureau). The flood stage of 1908 is the highest since 1888, based on information at nearby streams.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1898 | Sept.02 | 26,600 | 20.00 | 1930 | Oct. 02 | 28,800 | 27.90 | 1961 | Feb. 22 | 24,500 | 26.00 |
| 1899 | Feb. 27 | 19,500 | 15.80 | 1931 | Nov. 17 | 3,800 | 10.00 | 1962 | Dec. 13 | 14,100 | 20.20 |
| 1900 | Feb. 13 | 31,600 | 22.70 | 1932 | Dec. 04 | 11,400 | 18.20 | 1963 | May 01 | 17,700 | 22.40 |
| 1901 | Sept.18 | 17,800 | 14.80 | 1933 | Dec. 13 | 8,800 | 16.00 | 1964 | Mar. 27 | 22,900 | 25.20 |
| 1902 | Feb. 28 | 43,200 | 28.20 | 1934 | June 03 | 8,300 | 15.50 | 1965 | Mar. 25 | 10,600 | 17.50 |
| 1903 | Mar. 24 | 29,700 | 21.70 | 1935 | Oct. 11 | 8,800 | 16.00 | 1966 | Mar. 05 | 15,600 | 21.20 |
| 1904 | Aug. 09 | 10,400 | 10.40 | 1936 | Apr. 07 | 29,000 | 28.00 | 1967 | June 05 | 19,000 | 23.10 |
| 1905 | Feb. 21 | 8,220 | 9.00 | 1937 | Jan. 03 | 16,000 | 21.40 | 1968 | Jan. 11 | 7,640 | 14.80 |
| 1906 | Jan. 23 | 24,900 | 19.00 | 1938 | Oct. 19 | 22,500 | 25.00 | 1969 | Jan. 21 | 16,000 | 21.40 |
| 1907 | Apr. 24 | 6,200 | 7.60 | 1939 | Aug. 18 | 21,000 | 24.20 | 1970 | Mar. 22 | 6,840 | 13.80 |
| 1908 | Aug. 25 | 70,000 | 39.00 | 1940 | Aug. 13 | 17,000 | 22.00 | 1971 | Mar. 03 | 18,000 | 22.50 |
| 1909 | June 04 | 14,100 | 12.70 | 1941 | July 07 | 10,000 | 17.00 | 1972 | Jan. 11 | 15,600 | 21.20 |
| 1910 | Aug. 31 | 20,500 | 16.40 | 1942 | Mar. 21 | 13,400 | 19.70 | 1973 | Mar. 17 | 16,000 | 21.40 |
| 1911 | Apr. 08 | 5,640 | 8.50 | 1943 | Jan. 18 | 19,000 | 23.10 | 1974 | Jan. 02 | 5,800 | 12.50 |
| 1912 | Mar. 15 | 42,800 | 28.00 | 1944 | Mar. 20 | 10,000 | 17.00 | 1975 | Mar. 13 | 15,600 | 21.20 |

02191300 BROAD RIVER ABOVE CARLTON, GEORGIA--Continued

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1913 | Mar. 15 | 30,300 | 22.00 | 1945 | Mar. 25 | 11,100 | 17.90 | 1976 | May 30 | 26,000 | 26.80 |
| 1914 | Dec. 29 | 11,000 | 10.80 | 1946 | Jan. 07 | 16,200 | 21.50 | 1977 | Mar. 31 | 11,700 | 18.35 |
| 1915 | Oct. 15 | 20,000 | 16.10 | 1947 | Jan. 20 | 12,400 | 19.00 | 1978 | Nov. 06 | 27,500 | 27.25 |
| 1916 | Dec. 18 | 23,900 | 18.40 | 1948 | Mar. 07 | 7,800 | 15.00 | 1979 | Apr. 13 | 19,700 | 23.50 |
| 1917 | Mar. 27 | 15,200 | 13.30 | 1949 | Nov. 29 | 21,600 | 24.50 | 1980 | Mar. 29 | 12,600 | 19.10 |
| 1918 | Aug. 03 | 5,400 | 12.00 | 1950 | Sept.09 | 3,400 | 9.50 | 1981 | Feb. 11 | 6,900 | 13.72 |
| 1920 | Dec. 10 | 29,500 | 28.20 | 1951 | Oct. 20 | 17,000 | 22.00 | 1982 | Jan. 04 | 19,500 | 23.40 |
| 1921 | Feb. 10 | 20,100 | 23.70 | 1952 | Mar. 12 | 15,300 | 21.00 | 1983 | Apr. 09 | 8,200 | 14.73 |
| 1922 | Feb. 15 | 11,000 | 17.80 | 1953 | Feb. 22 | 8,800 | 16.00 | 1984 | Dec. 06 | 14,000 | -- |
| 1923 | May 30 | 12,500 | 19.10 | 1954 | Jan. 17 | 9,160 | 16.30 | 1985 | Feb. 06 | 10,000 | -- |
| 1924 | Dec. 05 | 5,480 | 12.10 | 1955 | Feb. 07 | 9,880 | 16.90 | 1986 | Nov. 30 | 4,000 | 10.23 |
| 1925 | Jan. 18 | 10,100 | 17.10 | 1956 | Mar. 17 | 8,800 | 16.00 | 1987 | Mar. 01 | 13,100 | 19.45 |
| 1926 | Jan. 18 | 7,160 | 14.20 | 1957 | Apr. 06 | 8,300 | 15.50 | 1988 | Jan. 21 | 6,190 | 12.55 |
| 1927 | Mar. 09 | 2,680 | 8.60 | 1958 | Nov. 19 | 8,100 | 15.30 | 1989 | July 17 | 7,220 | 13.63 |
| 1928 | Aug. 16 | 24,500 | 26.00 | 1959 | May 27 | 7,400 | 14.50 | 1990 | Oct. 01 | 28,300 | 27.50 |
| 1929 | Mar. 05 | 22,900 | 25.20 | 1960 | Jan. 31 | 8,400 | 15.60 | | | | |

02191600 DOUBLE BRANCH NEAR DANIELSVILLE, GEORGIA

LOCATION.--Lat 34°06'06", long 83°14'11", Madison County, at culvert on U.S. Highway 29, 1.8 mi south of Danielsville.
DRAINAGE AREA.--4.77 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 630 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 500 $ft^3/s$, and extended above on basis of culvert computations. Bankfull stage and discharge, 6.0 ft and 520 $ft^3/s$.
REMARKS.--Flood of June 4, 1967 was highest since 1961 based on comparison with nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | July 18 | 1,110 | 7.83 | 1969 | Jan. 20 | 442 | 5.58 | 1973 | Mar. 31 | 854 | 7.18 |
| 1965 | Oct. 04 | 400 | 5.30 | 1970 | Mar. 20 | 102 | 2.55 | 1974 | Dec. 31 | 168 | 3.68 |
| 1966 | May 27 | 1,150 | 7.93 | 1971 | Mar. 03 | 528 | 6.04 | 1975 | Mar. 13 | 496 | 5.88 |
| 1967 | June 04 | 3,200 | 10.68 | 1972 | Jan. 10 | 295 | 4.60 | 1976 | May 29 | 442 | 5.48 |
| 1968 | Dec. 11 | 274 | 4.44 | | | | | | | | |

## 02191750 FORK CREEK AT CARLTON, GEORGIA

LOCATION.--Lat 34°02'55", long 83°01'16", Madison County, at State Highway 72, at Carlton.
DRAINAGE AREA.--16 $mi^2$, with 13.8 $mi^2$ contributing to flow.
GAGE.--Crest-stage gage prior to Nov. 16, 1967; flood-stage recorder Nov. 16, 1967 to Apr. 2, 1968; flood-stage/rainfall recorder thereafter. Datum of gage is 466.53 ft above sea level (from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,900 $ft^3/s$. Bankfull stage and discharge, 6.0 ft and 910 $ft^3/s$.
REMARKS.--2.2 $mi^2$ almost completely controlled by small dam in headwaters.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | May 06 | 1,240 | 6.97 | 1968 | Jan. 10 | 493 | 4.03 | 1972 | Jan. 10 | 511 | 4.13 |
| 1965 | Oct. 04 | 519 | 4.17 | 1969 | Jan. 20 | 1,080 | 6.50 | 1973 | May 28 | 1,410 | 7.43 |
| 1966 | Mar. 04 | 1,150 | 6.72 | 1970 | Mar. 20 | 429 | 3.63 | 1974 | Apr. 04 | 480 | 3.95 |
| 1967 | June 04 | 1,920 | 8.53 | 1971 | Mar. 03 | 1,210 | 6.88 | 1975 | Mar. 13 | 842 | 5.73 |

## 02191890 BROOKS CREEK NEAR LEXINGTON, GEORGIA

LOCATION.--Lat 33°50'30", long 83°05'22", Oglethorpe County, at State Highway 22, 2.2 mi south of Lexington.
DRAINAGE AREA.--12.3 $mi^2$.
GAGE.--Crest-stage gage prior to Nov. 16, 1967; flood-stage recorder Nov. 16, 1967 to Apr. 3, 1968; flood-stage/rainfall recorder thereafter. Datum of gage is about 533 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 740 $ft^3/s$, and extended above on basis of contracted-opening measurement at 2,500 $ft^3/s$. Bankfull stage and discharge, 8.5 ft and 590 $ft^3/s$.
HISTORICAL DATA.--Flood peaks for the floods of 1948, 1959, and 1961 provided by the Georgia Department of Transportation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Feb. 09 | 2,100 | 11.50c | 1967 | May 22 | 211 | 6.80 | 1972 | Jan. 11 | 546 | 8.39 |
| 1959 | Oct. -- | 1,300 | 10.20c | 1968 | Jan. 11 | 490 | 8.25 | 1973 | Apr. 01 | 871 | 9.14 |
| 1961 | Feb. 25 | 2,800 | 12.50c | 1969 | Jan. 20 | 1,180 | 9.85 | 1974 | Apr. 04 | 711 | 8.78 |
| 1964 | Mar. 25 | 2,370 | 11.90 | 1970 | Mar. 19 | 244 | 7.09 | 1975 | Apr. 02 | 566 | 8.44 |
| 1965 | Oct. 04 | 1,160 | 9.81 | 1971 | Aug. 19 | 2,710 | 12.39 | 1978 | Nov. 05 | 1,880 | 11.20c |
| 1966 | Oct. 01 | 1,820 | 11.11 | | | | | | | | |

## 02191910 TROUBLE CREEK AT LEXINGTON, GEORGIA

LOCATION.--Lat 33°52'24", long 83°06'00", Oglethorpe County, at culvert on State Highway 77, 0.6 mi northeast of Lexington.
DRAINAGE AREA.--2.70 $mi^2$.
GAGE.--Crest-stage gage prior to Sept. 23, 1965; flood-stage recorder thereafter. Datum of gage is about 600 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 32 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | May 31 | 110 | 5.04 | 1965 | Oct. 04 | 164 | 5.80 | 1971 | Mar. 03 | 569 | 10.12 |
| 1960 | Jan. 31 | 54 | 3.95 | 1966 | Oct. 01 | 221 | 6.51 | 1972 | June 20 | 94 | 4.76 |
| 1961 | Mar. 31 | 63 | 4.16 | 1967 | June 22 | 103 | 4.91 | 1973 | Mar. 31 | 215 | 6.44 |
| 1962 | Feb. 22 | 184 | 6.05 | 1968 | July 09 | 133 | 5.38 | 1974 | Apr. 04 | 189 | 6.11 |
| 1963 | Apr. 30 | 60 | 4.10 | 1969 | Apr. 18 | 226 | 6.58 | 1975 | Apr. 02 | 170 | 5.88 |
| 1964 | Apr. 06 | 231 | 6.64 | 1970 | Mar. 19 | 64 | 4.18 | 1978 | Nov. 05 | 352 | 8.02c |

## 02191930 BUFFALO CREEK NEAR LEXINGTON, GEORGIA

LOCATION.--Lat 33°46'40", long 83°03'01", Oglethorpe County, at culvert on State Highway 22, 7 mi southeast of Lexington.
DRAINAGE AREA.--5.60 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Sept. 30, 1975. Crest-stage gage thereafter. Datum of gage is about 518 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 450 $ft^3/s$, and extended above on basis of culvert computations. Bankfull stage and discharge, 6 ft and 620 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 25 | 572 | 5.83 | 1973 | Apr. 07 | 393 | 5.09 | 1982 | Apr. 26 | 1,650 | 9.47 |
| 1965 | Dec. 25 | 485 | 5.48 | 1974 | Apr. 04 | 460 | 5.38 | 1983 | Apr. 09 | 1,460 | 8.82 |
| 1966 | Apr. 26 | 522 | 5.63 | 1975 | Apr. 02 | 588 | 5.89 | 1984 | Jan. 11 | 262 | 4.27 |
| 1967 | Mar. 10 | 824 | 6.68 | 1976 | May 29 | 845 | 6.75 | 1985 | Feb. 06 | 199 | 3.66 |
| 1968 | Jan. 11 | 248 | 4.15 | 1977 | Mar. 22 | 296 | 4.54 | 1986 | Jan. 19 | 6,6.0 | 1.85 |
| 1969 | Apr. 18 | 1,210 | 7.83 | 1978 | Jan. 25 | 674 | 6.18 | 1987 | Mar. 31 | 189 | 3.54 |
| 1970 | Mar. 20 | 387 | 5.06 | 1979 | Feb. 26 | 560 | 5.78 | 1988 | Feb. 04 | 204 | 3.71 |
| 1971 | Mar. 03 | 1,210 | 7.84 | 1980 | Mar. 28 | 367 | 4.96 | 1989 | Apr. 15 | 330 | 4.53 |
| 1972 | Jan. 10 | 397 | 5.11 | 1981 | Feb. 11 | 328 | 4.75 | 1990 | Oct. 01 | 832 | 6.76 |

## 02191960 MACKS CREEK NEAR LEXINGTON, GEORGIA

LOCATION.--Lat 33°55'24", long 82°58'30", Oglethorpe County, at culvert on State Highway 77, 8 mi northeast of Lexington.
DRAINAGE AREA.--3.45 $mi^2$.
GAGE.--Crest-stage gage prior to Sept. 23, 1965; flood-stage recorder thereafter. Datum of gage is about 519 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 90 $ft^3/s$, and extended above on basis of culvert computations. Bankfull stage and discharge, 5.5 ft and 295 $ft^3/s$.
REMARKS.--Flood of Nov. 5, 1977 was highest since 1948 based on comparison with nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | May 31 | 120 | 3.52 | 1965 | Oct. 04 | 167 | 4.32 | 1971 | Mar. 03 | 732 | 8.70 |
| 1960 | Jan. 31 | 195 | 4.85 | 1966 | Oct. 01 | 164 | 4.26 | 1972 | Aug. 11 | 86 | 2.91 |
| 1961 | Mar. 31 | 253 | 5.20 | 1967 | June 27 | 197 | 4.76 | 1973 | Apr. 01 | 232 | 5.05 |
| 1962 | Feb. 22 | 300 | 5.49 | 1968 | June 08 | 188 | 4.66 | 1974 | Apr. 04 | 81 | 2.78 |
| 1963 | June 17 | 378 | 6.09 | 1969 | Jan. 19 | 280 | 5.39 | 1975 | Mar. 13 | 137 | 3.81 |
| 1964 | Apr. 06 | 430 | 6.40 | 1970 | Mar. 19 | 48 | 1.94 | 1978 | Nov. 05 | 1370 | 13.16c |

## 02191970 LITTLE MACKS CREEK NEAR LEXINGTON, GEORGIA
(formerly published as "Macks Creek Tributary No. 2 near Lexington, Georgia"

LOCATION.--Lat 33 56'09", long 82 57'41", Oglethorpe County, on right bank, 10 ft upstream from end of culvert wingwall on State Highway 77, 11.3 mi northeast of junction with U.S. Highway 78, in Lexington.
DRAINAGE AREA.--1.73 $mi^2$.
GAGE.--Crest-stage gage prior to Sept. 29, 1965; flood-stage/rainfall recorder Sept. 24, 1965 to July 1, 1970; water-stage/rainfall recorder July 1, 1970 to Oct. 1, 1974; water-stage recorder thereafter. Datum of gage is 503 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 15 $ft^3/s$, and extended above on basis of culvert computations. Bankfull stage and discharge, 10 ft and 3,350 $ft^3/s$.
REMARKS.--Flood of Nov. 5, 1977 was highest since 1948 based on comparison with nearby stations. Peak discharge for 1968 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | Sept. 07 | 341 | 5.61 | 1968 | June 08 | 70 | -- | 1977 | Mar. 21 | 65 | 3.01 |
| 1960 | Jan. 31 | 128 | 3.22 | 1969 | Jan. 19 | 198 | 4.12 | 1978 | Nov. 05 | 853 | 10.49 |
| 1961 | Apr. 27 | 145 | 3.44 | 1970 | Mar. 19 | 44 | 1.90 | 1979 | Apr. 13 | 320 | 6.11 |
| 1962 | Feb. 22 | 288 | 5.10 | 1971 | Mar. 03 | 494 | 7.05 | 1980 | Mar. 28 | 127 | 3.93 |
| 1963 | June 17 | 200 | 4.11 | 1972 | Aug. 11 | 71 | 2.39 | 1981 | Feb. 10 | 51 | 2.77 |
| 1964 | Apr. 06 | 360 | 5.78 | 1973 | Apr. 01 | 294 | 5.16 | 1982 | Feb. 16 | 70 | 3.10 |
| 1965 | Oct. 04 | 290 | 5.13 | 1974 | Apr. 04 | 112 | 3.00 | 1983 | Apr. 08 | 320 | 6.11 |
| 1966 | Oct. 01 | 212 | 4.28 | 1975 | Mar. 13 | 106 | 3.62 | 1984 | Dec. 06 | 333 | 6.23 |
| 1967 | June 26 | 388 | 6.04 | 1976 | Mar. 16 | 372 | 6.75 | 1985 | Feb. 05 | 98 | 3.44 |

## 02192000 BROAD RIVER NEAR BELL, GEORGIA

LOCATION.--Lat 33°58'27", long 82°46'12", Elbert County, at downstream side of main channel pier of bridge on State Highway 17, 0.5 mi downstream from Long Creek, 1 mi south of Bells Crossroads, and 12 mi southeast of Elberton.
DRAINAGE AREA.--1,430 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 357.16 ft above sea level, supplementary adjustment of 1936 (from Georgia Department of Transportation). Prior to October 1928, nonrecording gage at railroad bridge about 1 mi downstream at datum 1.12 ft lower. October 1928 to July 1932, and August 1937 to January 1939, nonrecording gage at present site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 50,000 $ft^3/s$, and extended above on basis of slope-conveyance studies. Bankfull stage and discharge, 18 ft and 14,500 $ft^3/s$.
HISTORICAL DATA.--Flood of Oct. 2, 1929, thought to be highest since 1888 based on records at station on Broad River at Carlton (02191300).
REMARKS.--Stage records for 1927-28 from Alabama Power Co., for 1929-30 from Allied Engineers, Inc., and for 1931-32 from Commonwealth and Southern Corp.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1927 | Dec. 29 | 9,830 | 13.50 | 1952 | Mar. 05 | 27,700 | 24.30 | 1972 | Jan. 12 | 26,600 | 23.87 |
| 1928 | Aug. 16 | 44,900 | 28.10 | 1953 | Feb. 23 | 12,500 | 16.50 | 1973 | Dec. 22 | 27,200 | 24.12 |
| 1929 | Mar. 06 | 43,500 | 29.50 | 1954 | Jan. 18 | 14,700 | 18.00 | 1974 | Jan. 03 | 18,300 | 20.22 |
| 1930 | Oct. 02 | 79,400 | 34.80 | 1955 | Feb. 08 | 14,700 | 18.00 | 1975 | Mar. 15 | 37,100 | 26.71 |
| 1931 | Nov. 17 | 7,140 | 12.00 | 1956 | Mar. 18 | 17,400 | 19.70 | 1976 | Mar. 17 | 30,800 | 25.36 |
| 1932 | June 16 | 14,800 | 18.20 | 1957 | Apr. 07 | 11,900 | 16.10 | 1977 | Apr. 01 | 13,900 | 17.48 |
| 1938 | July 26 | 25,100 | 24.10 | 1958 | Apr. 17 | 15,200 | 18.30 | 1978 | Nov. 07 | 42,900 | 28.60 |
| 1939 | Aug. 19 | 20,300 | 21.40 | 1959 | June 02 | 16,800 | 19.30 | 1979 | Apr. 14 | 30,900 | 25.39 |
| 1940 | Aug. 14 | 28,400 | 25.10 | 1960 | Feb. 01 | 17,900 | 20.00 | 1980 | Mar. 30 | 21,900 | 22.10 |
| 1941 | July 17 | 14,600 | 17.80 | 1961 | Feb. 23 | 24,300 | 23.00 | 1981 | Feb. 12 | 14,300 | 17.73 |
| 1942 | Mar. 22 | 29,100 | 25.40 | 1962 | Dec. 14 | 20,600 | 21.40 | 1982 | Feb. 04 | 25,300 | 23.43 |
| 1943 | Jan. 19 | 33,300 | 27.20 | 1963 | May 01 | 30,000 | 25.10 | 1983 | Apr. 09 | 26,400 | 23.87 |
| 1944 | Mar. 21 | 20,000 | 21.00 | 1964 | Mar. 27 | 34,600 | 26.52 | 1984 | Dec. 07 | 22,500 | 22.17 |
| 1945 | Apr. 26 | 24,500 | 23.30 | 1965 | Oct. 06 | 19,800 | 21.00 | 1985 | Feb. 07 | 14,600 | 17.86 |
| 1946 | Jan. 08 | 27,800 | 24.80 | 1966 | Mar. 05 | 29,100 | 24.78 | 1986 | Dec. 01 | 8,560 | 13.31 |
| 1947 | Jan. 21 | 26,900 | 24.40 | 1967 | June 05 | 36,500 | 27.06 | 1987 | Mar. 02 | 23,200 | 22.49 |
| 1948 | Feb. 10 | 19,900 | 21.30 | 1968 | Jan. 11 | 16,600 | 19.16 | 1988 | Jan. 21 | 9,250 | 13.99 |
| 1949 | Nov. 29 | 47,400 | 30.30 | 1969 | Jan. 21 | 31,400 | 25.55 | 1989 | July 17 | 12,600 | 16.54 |
| 1950 | Mar. 14 | 4,420 | 9.18 | 1970 | Mar. 23 | 15,000 | 18.16 | 1990 | Oct. 02 | 56,100 | 30.98 |
| 1951 | Oct. 22 | 22,900 | 22.80 | 1971 | Mar. 04 | 37,900 | 27.42 | | | | |

## 02192300 HOG FORK FISHING CREEK TRIBUTARY NEAR TIGNALL, GEORGIA

LOCATION.--Lat 33°49'05", long 82°45'21", Wilkes County, at culvert on State Highway 17, 4.2 mi south of Tignall.
DRAINAGE AREA.--0.097 $mi^2$.
GAGE.--Crest-stage gage prior to Jan. 11, 1967; flood-stage/rainfall recorder for Jan. 11, 1967 to Sept. 30, 1975; crest-stage gage thereafter. Datum of gage is about 530 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by culvert computations.
REMARKS.--Peak discharges for 1960-63 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | May 31 | 52.0 | 7.55 | 1969 | Apr. 18 | 85.0 | 8.66 | 1979 | Feb. 24 | 19.0 | 6.27 |
| 1960 | Jan. 31 | 25.0 | -- | 1970 | Mar. 20 | 8.0 | 5.71 | 1980 | Mar. 28 | 20.0 | 6.28 |
| 1961 | Mar. -- | 30.0 | -- | 1971 | Sept.01 | 116 | 9.41 | 1981 | Feb. 11 | 11.0 | 5.87 |
| 1962 | Feb. 22 | 30.0 | -- | 1972 | June 28 | 48.0 | 7.43 | 1982 | Sept. 01 | 66.0 | 8.11 |
| 1963 | June 17 | 30.0 | -- | 1973 | June 28 | 51.0 | 7.57 | 1983 | Mar. 06 | 68.0 | 8.16 |
| 1964 | Apr. 06 | 46.0 | 7.33 | 1974 | Jan. 29 | 29.0 | 6.74 | 1984 | July 14 | 98.0 | 8.97 |
| 1965 | Dec. 25 | 50.0 | 7.50 | 1975 | Apr. 02 | 111 | 9.28 | 1985 | July 14 | 44.0 | 7.31 |
| 1966 | Mar. 04 | 59.0 | 7.87 | 1976 | May 15 | 36.0 | 6.97 | 1986 | May 28 | 64.0 | 8.04 |
| 1967 | Mar. 10 | 36.0 | 6.96 | 1977 | Mar. 13 | 46.0 | 7.36 | 1987 | Aug. 07 | 17.0 | 6.17 |
| 1968 | June 08 | 47.0 | 7.41 | 1978 | May 08 | 85.0 | 8.66 | 1990 | Oct. 01 | 90.0 | 8.85c |

## 02192400 ANDERSON MILL CREEK NEAR DANBURG, GEORGIA

LOCATION.--Lat 33°48'55", long 82°41'35", Wilkes County, at culvert on State Highway 44, 4.2 mi southwest of Danburg.
DRAINAGE AREA.--5.49 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 440 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 440 $ft^3/s$, and extended above, on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Apr. 06 | 744 | 6.72 | 1968 | June 08 | 301 | 4.07 | 1972 | June 28 | 668 | 6.32 |
| 1965 | Dec. 25 | 786 | 6.93 | 1969 | Apr. 18 | 1,110 | 8.46 | 1973 | Feb. 02 | 832 | 7.16 |
| 1966 | Mar. 04 | 726 | 6.63 | 1970 | Mar. 19 | 211 | 3.28 | 1974 | Jan. 30 | 185 | 2.90 |
| 1967 | Mar. 10 | 218 | 3.46 | 1971 | Sept. 01 | 942 | 7.71 | 1975 | Apr. 02 | 818 | 7.09 |

## 02192420 ANDERSON MILL CREEK TRIBUTARY NEAR DANBURG, GEORGIA

LOCATION.--Lat 33°49'42", long 82°41'13", Wilkes County, at culvert on State Highway 44, 3.5 mi southwest of Danburg.
DRAINAGE AREA.--0.92 $mi^2$.
GAGE.--Flood-stage recorder. Datum of gage is about 460 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 25 | 180 | 5.14 | 1968 | Apr. 05 | 36 | 2.87 | 1972 | June 28 | 210 | 5.51 |
| 1965 | Dec. 25 | 194 | 5.31 | 1969 | Apr. 18 | 373 | 7.30 | 1973 | Feb. 02 | 268 | 6.20 |
| 1966 | Mar. 04 | 158 | 4.86 | 1970 | Mar. 19 | 28 | 2.72 | 1974 | Jan. 30 | 82 | 3.74 |
| 1967 | Mar. 10 | 52 | 3.17 | 1971 | Mar. 03 | 237 | 5.85 | 1975 | Apr. 02 | 333 | 6.90 |

## 02193300 STEPHENS CREEK NEAR CRAWFORDVILLE, GEORGIA

LOCATION.--Lat 33°36'05", long 82°55'28", Taliaferro County, at culvert on State Highway 22, 3.5 mi northwest of Crawfordville.
DRAINAGE AREA.--6.30 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 450 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 250 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 27 | 500 | 6.20c | 1968 | Jan. 10 | 440 | 6.00 | 1972 | Jan. 11 | 444 | 6.02 |
| 1964 | Mar. 25 | 1,210 | 8.17 | 1969 | Apr. 18 | 2,270 | 9.62 | 1973 | Apr. 07 | 727 | 7.13 |
| 1965 | Dec. 25 | 1,870 | 9.12 | 1970 | Mar. 21 | 911 | 7.58 | 1974 | Apr. 04 | 708 | 7.08 |
| 1966 | May 22 | 1,110 | 7.98 | 1971 | Mar. 02 | 787 | 7.28 | 1975 | Apr. 02 | 708 | 7.08 |
| 1967 | Mar. 10 | 460 | 6.08 | | | | | | | | |

## 02193400 HARDEN CREEK NEAR SHARON, GEORGIA

LOCATION.--Lat 33°33'10", long 82°50'15", Taliaferro County, at culvert on State Highway 47, 2.5 mi west of Sharon.
DRAINAGE AREA.--3.98 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 490 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 130 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Apr. 06 | 1,060 | 6.22 | 1968 | Jan. 10 | 222 | 3.44 | 1972 | Jan. 10 | 286 | 4.03 |
| 1965 | Dec. 26 | 710 | 5.73 | 1969 | Aug. 03 | 787 | 5.87 | 1973 | Feb. 01 | 819 | 5.92 |
| 1966 | June 10 | 352 | 4.48 | 1970 | Mar. 21 | 597 | 5.48 | 1974 | Apr. 04 | 232 | 3.54 |
| 1967 | Mar. 10 | 472 | 5.09 | 1971 | Mar. 02 | 438 | 4.94 | 1975 | Apr. 02 | 525 | 5.30 |

## 02193500 LITTLE RIVER NEAR WASHINGTON, GEORGIA

LOCATION.--Lat 33°36'40", long 82°44'40", Wilkes County, near left bank on downstream side of highway bridge pier, 700 ft downstream from Reedy Creek, 4 mi downstream from Georgia Railroad bridge, 6 mi upstream from Williams Creek, and 9 mi south of Washington.
DRAINAGE AREA.--291 $mi^2$.
GAGE.--Water-stage recorder from Sept. 21, 1949 to June 23, 1971; May 16, 1989 to present at same site, different datum. Datum of gage is 353.88 ft above sea level (levels by Global Positioning System).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 14,700 $ft^3/s$. Bankfull stage and discharge, 18 ft and 6,400 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1950 | Oct. 08 | 3,790 | 17.60 | 1958 | Apr. 17 | 9,220 | 24.40 | 1966 | Mar. 05 | 7,440 | 22.82 |
| 1951 | Oct. 22 | 2,160 | 13.40 | 1959 | June 03 | 3,140 | 16.20 | 1967 | Mar. 11 | 4,390 | 18.58 |
| 1952 | Mar. 04 | 13,100 | 27.60 | 1960 | Jan. 31 | 7,910 | 22.90 | 1968 | Jan. 11 | 4,950 | 19.37 |
| 1953 | May 01 | 9,880 | 24.80 | 1961 | Feb. 25 | 9,110 | 24.10 | 1969 | Apr. 19 | 10,300 | 25.71 |
| 1954 | Feb. 21 | 1,300 | 10.00 | 1962 | Feb. 23 | 8,500 | 23.60 | 1970 | Mar. 22 | 7,360 | 22.67 |
| 1955 | Feb. 08 | 2,280 | 13.80 | 1963 | Jan. 21 | 6,710 | 21.53 | 1971 | Mar. 03 | 15,500 | 27.93 |
| 1956 | Apr. 12 | 5,680 | 20.30 | 1964 | May 03 | 13,400 | 27.84 | 1990 | Oct. 01 | 13,000 | 27.62 |
| 1957 | Mar. 26 | 3,480 | 17.00 | 1965 | Dec. 27 | 13,100 | 27.56 | | | | |

## 02193600 ROCKY CREEK NEAR WASHINGTON, GEORGIA

LOCATION.--Lat 33°42'55", long 82°44'42", Wilkes County, at culvert on State Highway 47, 1.5 mi south of Washington.
DRAINAGE AREA.--1.14 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 550 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 25 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 25 | 303 | 5.01 | 1968 | July 10 | 164 | 3.43 | 1972 | Aug. 11 | 299 | 4.97 |
| 1965 | Dec. 25 | 515 | 6.96 | 1969 | Apr. 18 | 673 | 8.28 | 1973 | Feb. 02 | 436 | 6.30 |
| 1966 | Mar. 04 | 458 | 6.48 | 1970 | Mar. 19 | 200 | 3.88 | 1974 | Jan. 30 | 249 | 4.46 |
| 1967 | July 01 | 478 | 6.65 | 1971 | Sept.01 | 448 | 6.40 | 1975 | Apr. 02 | 419 | 6.16 |

## 02194000 LITTLE RIVER NEAR LINCOLNTON, GEORGIA

LOCATION.--Lat 33°38'40", long 82°28'40", Lincoln County, on downstream side of Raysville Bridge on State Highway 43, 0.5 mi downstream from Big Creek, 2.5 mi south of Amity, and 10 mi south of Lincolnton.
DRAINAGE AREA.--574 $mi^2$.
GAGE.--Nonrecording. Datum of gage is 271.7 ft above sea level (unadjusted) (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 17,000 $ft^3/s$, and extended above on basis of slope-conveyance studies at a discharge of 54,000 $ft^3/s$. Bankfull stage and discharge, 15 ft and 6,200 $ft^3/s$.
HISTORICAL DATA.--Flood-stage of Sept. 28, 1929, based on information furnished by local resident. This is thought to be highest flood since 1908, based on information at nearby stations.
REMARKS.--This station inundated by J. Strom Thurmond Reservoir (formerly Clarks Hill Reservoir)

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Sept.28 | 54,000 | 44.30c | 1946 | Dec. 25 | 4,920 | 12.20 | 1949 | Nov. 29 | 12,400 | 23.00 |
| 1943 | Jan. 19 | 9,580 | 20.00 | 1947 | Mar. 08 | 9,920 | 20.40 | 1950 | Oct. 08 | 9,100 | 19.40 |
| 1944 | Mar. 23 | 16,900 | 26.40 | 1948 | Feb. 10 | 9,750 | 20.20 | 1951 | Feb. 08 | 2,090 | 6.40 |
| 1945 | Apr. 25 | 5,040 | 12.40 | | | | | | | | |

## 02195000 SAVANNAH RIVER NEAR CLARKS HILL, SOUTH CAROLINA

LOCATION.--Lat 33°38'40", long 82°12'05", McCormick County, on right bank 1.2 mi downstream from J. Strom Thurmond Reservoir dam (formerly Clarks Hill Reservoir dam), 2.4 mi southwest of Clarks Hill, 2.5 mi upstream from Kiokee Creek and at mile 236.5.
DRAINAGE AREA.--6,150 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 182.69 ft above sea level (levels by U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements. Bankfull and discharge, 17 ft and 66,000 $ft^3/s$.
REMARKS.--Peak discharges regulated by storage in Hartwell Reservoir (maximum flood-control storage, 1,708,600 acre-ft) since 1959, and J. Strom Thurmond Reservoir (maximum flood-control storage, 1,730,000 acre-ft) since 1951. Minor regulation from Lake Burton and Mathis Reservoir. (See station 02184000.)

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1940 | Aug. 14 | 196,000 | 29.34 | 1945 | Apr. 26 | 61,200 | 15.72 | 1950 | Oct. 09 | 36,800 | 11.61 |
| 1941 | July 08 | 54,900 | 14.12 | 1946 | Jan. 08 | 110,000 | 22.11 | 1951 | Oct. 22 | 48,700 | 14.54 |
| 1942 | Mar. 23 | 99,300 | 20.77 | 1947 | Jan. 21 | 87,000 | 19.99 | 1952 | Mar. 07 | 35,400 | 11.56a |
| 1943 | Jan. 20 | 111,000 | 22.16 | 1948 | Feb. 10 | 63,600 | 16.61 | 1953 | May 07 | 30,000 | 10.52 |
| 1944 | Mar. 21 | 111,000 | 22.31 | 1949 | Nov. 30 | 154,000 | 26.35 | 1954 | Mar. 30 | 30,000 | 10.67 |

## 02195150 KIOKEE CREEK AT APPLING, GEORGIA

LOCATION.--Lat 33°32'33", long 82°18'56", Columbia County, at bridge on U.S. Highway 221, 3.4 miles north of Interstate 20, exit 61, at Appling.
DRAINAGE AREA.--43.9 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 225 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,230 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and discharge, 7 ft and 100 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1984 | May 04 | 1,770 | 10.18 | 1987 | Jan. 19 | 1,310 | 9.76 | 1989 | Sept.22 | 1,170 | 9.65 |
| 1985 | Feb. 06 | 1,900 | 10.27 | 1988 | Mar. -- | 730 | --b | 1990 | Jan. -- | 730 | --b |
| 1986 | Oct. 22 | 1,650 | 10.08 | | | | | | | | |

## 02196570 RAES CREEK TRIBUTARY NO. 2, AT AUGUSTA, GEORGIA

LOCATION.--Lat 33°30'19", long 82 02'34", Richmond County, at culvert on Skinner Mill Road at junction with Boy Scout Road, at Augusta.
DRAINAGE AREA.--0.66 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to 1986. Crest-stage gage, 1986-88.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 10 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization. Peak discharges for 1983, 1986, and 1988 undetermined owing to debris in culvert.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | July 20 | 126 | 5.96 | 1983 | Sept. 13 | -- | 8.27 | 1986 | Aug. 28 | -- | 9.98 |
| 1980 | Mar. 17 | 119 | 5.77 | 1984 | May. 03 | 177 | 7.26 | 1987 | Aug. 01 | 112 | 5.77 |
| 1981 | Aug. 12 | 121 | 5.83 | 1985 | July 14 | 79.0 | 4.62 | 1988 | May. 24 | -- | 7.65 |
| 1982 | May. 30 | 159 | 6.80 | | | | | | | | |

## 02196605 RAES CREEK TRIBUTARY NO. 1, AT AUGUSTA, GEORGIA

LOCATION.--Lat 33°29'36", long 82°02'17", Richmond County, at culvert on Boy Scout Road at Augusta.
DRAINAGE AREA.--1.67 $mi^2$.
GAGE.--Flood-stage/ rainfall recorder prior to 1986. Crest-stage gage 1986 thereafter. Datum of gage is 194.90 ft above sea level (from U.S. Army Corps of Engineers benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 103 $ft^3/s$ and extended above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization. Peak discharges for 1986 and 1988 undetermined owing to debris in culvert.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | May. 31 | 986 | 7.34 | 1983 | Sept. 13 | 1,250 | 7.62 | 1987 | Aug. 01 | 1,170 | 7.68 |
| 1980 | Oct. 04 | 765 | 7.06 | 1984 | July 01 | 795 | 7.10 | 1988 | Apr. 23 | 1,640 | 8.08 |
| 1981 | Aug. 12 | 655 | 6.90 | 1985 | July 14 | 900 | 7.25 | 1989 | July 12 | 1,640 | 8.08 |
| 1982 | May. 24 | 1,240 | 7.61 | 1986 | July 24 | -- | 8.37 | | | | |

## 02196725 OATES CREEK AT WHITE ROAD AT AUGUSTA, GEORGIA

LOCATION.--Lat 33°27'19", long 82°00'23", Richmond County, at culvert on White Road.
DRAINAGE AREA.--1.44 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to 1986. Crest-stage gage 1986-89. Datum of gage is 140.84 ft above sea level (from U.S. Army Corps of Engineers benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 25 $ft^3/s$ and extended above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization. Peak discharge for 1983 undetermined owing to debris in culvert.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | July 21 | 130 | 4.42 | 1983 | Nov. 30 | -- | 5.88 | 1987 | Aug. 01 | 102 | 4.04 |
| 1980 | Oct. 04 | 115 | 4.18 | 1984 | May. 04 | 154 | 4.81 | 1988 | May. 24 | 158 | 4.94 |
| 1981 | Aug. 12 | 156 | 4.85 | 1985 | Feb. 02 | 75.0 | 3.57 | 1989 | Oct. 03 | 201 | 5.59 |
| 1982 | Aug. 18 | 132 | 4.45 | 1986 | Aug. 06 | 201 | 5.59 | | | | |

## 02196730 OATES CREEK AT OLD SAVANNAH ROAD AT AUGUSTA, GEORGIA

LOCATION.--Lat 33°26'39", long 81°59'19", Richmond County, at culvert on Old Savannah Road at Augusta.
DRAINAGE AREA.--4.06 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 248 $ft^3/s$ and extended above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | July 22 | 204 | 5.84 | 1982 | May. 30 | 239 | 6.51 | 1984 | May. 04 | 328 | 7.45 |
| 1980 | Mar. 12 | 250 | 6.52 | 1983 | Sept. 13 | 339 | 7.57 | 1985 | Feb. 05 | 201 | 6.04 |
| 1981 | Aug. 12 | 252 | 6.55 | | | | | | | | |

## 02196760 ROCKY CREEK TRIBUTARY AT AUGUSTA, GEORGIA

LOCATION.--Lat 33°27'07", long 82°02'57", Richmond County, at culvert on U.S. Highways 78 and 278 at Augusta.
DRAINAGE AREA.--1.56 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to 1986. Crest-stage gage thereafter. Datum of gage is 182.30 ft above sea level (from U.S. Army Corps of Engineers benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 8 $ft^3/s$ and extended above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | July 20 | 251 | 4.15 | 1983 | Sept.13 | 356 | 4.99 | 1987 | Aug. 01 | 424 | 5.68 |
| 1980 | Oct. 04 | 274 | 4.32 | 1984 | May. 03 | 372 | 5.12 | 1988 | Apr. 23 | 345 | 5.13 |
| 1981 | Aug. 10 | 274 | 4.32 | 1985 | June 29 | 148 | 3.37 | 1989 | Oct. 03 | 519 | 6.31 |
| 1982 | May. 30 | 365 | 5.07 | 1986 | Aug. 06 | 510 | 6.25 | | | | |

## 02196820 BUTLER CREEK AT FORT GORDON, GEORGIA

LOCATION.--Lat 33°26'35", long 82°07'45", Richmond County, on upstream side of abandoned bridge, 600 ft upstream from U.S. Highways 78 and 278 at Fort Gordon.
DRAINAGE AREA.--7.5 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 270.58 ft above sea level (from U.S. Army Corps of Engineers benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 290 $ft^3/s$ and extended above on the basis of straight-line extension.
REMARKS.--Flow is affected by urbanization.
HISTORICAL DATA.--Flood stage of September 1929 furnished by the Georgia Department of Transportation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Sept. -- | 2,300 | 12.40c | 1976 | July 07 | 294 | 5.24 | 1984 | Mar. 25 | 459 | 6.68 |
| 1969 | Apr. 15 | 389 | 6.10 | 1977 | Mar. 21 | 315 | 5.44 | 1985 | Feb. 05 | 204 | 4.42 |
| 1970 | Mar. 30 | 213 | 4.43 | 1978 | Jan. 26 | 298 | 5.28 | 1986 | Nov. 22 | 259 | 5.03 |
| 1971 | Mar. 03 | 500 | 7.00 | 1979 | July 19 | 412 | 6.30 | 1987 | Jan. 19 | 250 | 4.94 |
| 1972 | June 20 | 180 | 4.06 | 1980 | Mar. 13 | 341 | 5.68 | 1986 | Feb. 04 | 150 | 3.31 |
| 1973 | Apr. 07 | 369 | 5.93 | 1981 | Aug. 10 | 445 | 6.57 | 1989 | July 20 | 148 | 3.68 |
| 1974 | Apr. 05 | 142 | 3.60 | 1982 | Dec. 31 | 265 | 4.95 | 1990 | June 09 | 133 | 3.46 |
| 1975 | Apr. 03 | 346 | 5.73 | 1983 | Apr. 08 | 366 | 5.90 | | | | |

## 02197000 SAVANNAH RIVER AT AUGUSTA, GEORGIA

LOCATION.--Lat 33°22'25", long 81°56'35", Richmond County, Ga.-Aiken County, S.C., at New Savannah Bluff Lock and Dam, 0.2 mi upstream from Butler Creek, 12 mi downstream from Augusta, and at mile 187.4.
DRAINAGE AREA.--7,508 $mi^2$, including that at Butler Creek; 7,240 $mi^2$ at former site.
GAGE.--Water-stage recorder. Datum of gage is 96.58 ft above sea level (from U.S. Army Corps of Engineers benchmark). September 3, 1875 to Sept. 30, 1932; nonrecording or recording gage at Fifth Street Bridge at datum 102.06 ft above sea level (levels by Southeastern Engineering Co.). October 1, 1932 to Sept. 30, 1936, recording gage at Thirteenth Street Bridge at datum 104.56 ft above sea level (levels by U.S. Army Corps of Engineers). October 1, 1936 to Nov. 10, 1948, recording gage at site 0.2 mi downstream from preesnt site at present datum. At present site since Nov. 10, 1948. Peak discharges at all sites are considered equivalent.
STAGE-DISCHARGE RELATION.--Defined for period prior to levee construction (completed in 1914) by current-meter measurements below 127,000 $ft^3/s$ and by slope-conveyance study at 360,000 $ft^3/s$. Defined for subsequent period by current-meter measurements below 300,000 $ft^3/s$ and by computation of flow over Stevens Creek Dam to 350,000 $ft^3/s$. Bankfull stage and discharge, 21 ft and 36,000 $ft^3/s$. At site used prior to Oct. 1, 1936, bankfull stage and discharge, 32 ft and approximately 110,000 $ft^3/s$.
HISTORICAL DATA.--The crest of great floods during the period 1796 to 1875 were marked by local residents and noted in the local newspaper. Flood of January 17, 1796, reached a stage of about 40 ft (at site and datum of Fifth Street gage), marked by local residents; discharge approximately 360,000 $ft^3/s$, by slope-conveyance study. Little information exists and the data are considered approximate. Data furnished by the U.S. Army Corps of Engineers.
REMARKS.--Peaks for periods of nonrecording gage are from graphs based on gage readings by the U.S. Weather Bureau (now National Weather Service) and the city of Augusta. Gage heights for June 11, 1927 to July 31, 1932, furnished by Savannah River Electric Co. Subsequent to Sept. 30, 1938, gage heights collected in cooperation with the U.S. Army Corps of Engineers. Peak discharges since December 1951 affected by storage in J. Strom Thurmond Lake (formerly Clarks Hill Lake) (maximum flood-control storage, 1,730,000 acre-ft) since Feb. 1961 by Hartwell Lake (maximum flood-control storage, 1,708,000 acre-ft, and since Oct. 1984, by Richard B. Russell Reservoir (maximum flood-control storage, 126,800 acre-ft). Minor regulation from Lake Burton and Mathis Reservoir. (See station 02184000.)

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1796 | Jan. 17 | 360,000 | 40.00 | 1911 | Apr. 14 | 32,800 | 19.10 | 1951 | Oct. 22 | 46,300 | 22.32 |
| 1840 | May 28 | 270,000 | 37.80 | 1912 | Mar. 17 | 234,000 | 36.80 | 1952 | Mar. 06 | 39,300 | 21.53 |
| 1852 | Aug. 29 | 250,000 | 37.40 | 1913 | Mar. 16 | 156,000 | 35.10 | 1953 | May 08 | 35,200 | 20.80 |
| 1864 | Jan. 01 | 185,000 | 34.90 | 1914 | Dec. 31 | 48,000 | 24.30 | 1954 | Mar. 30 | 25,500 | 17.39 |

02197000 SAVANNAH RIVER AT AUGUSTA, GEORGIA--Continued

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1865 | Jan. 11 | 240,000 | 36.90 | 1915 | Jan. 20 | 61,000 | 28.20 | 1955 | Apr. 15 | 23,900 | 16.77 |
| 1876 | Dec. 30 | 86,400 | 28.60 | 1916 | Feb. 03 | 82,400 | 31.00 | 1956 | Apr. 12 | 18,600 | 14.70 |
| 1877 | Apr. 14 | 119,000 | 31.40 | 1917 | Mar. 06 | 68,000 | 29.20 | 1957 | May 07 | 18,000 | 14.08 |
| 1878 | Nov. 23 | 51,500 | 23.50 | 1918 | Jan. 30 | 45,500 | 25.50 | 1958 | Apr. 18 | 66,300 | 22.91 |
| 1879 | Aug. 03 | 44,000 | 22.00 | 1919 | Dec. 24 | 128,000 | 35.00 | 1959 | June 08 | 28,500 | 18.65 |
| 1880 | Dec. 16 | 102,000 | 30.10 | 1920 | Dec. 11 | 133,000 | 35.40 | 1960 | Feb. 14 | 34,900 | 20.58 |
| 1881 | Mar. 18 | 130,000 | 32.20 | 1921 | Feb. 11 | 129,000 | 35.10 | 1961 | Apr. 02 | 34,800 | 20.56 |
| 1882 | Sept.12 | 93,300 | 29.30 | 1922 | Feb. 16 | 92,000 | 32.00 | 1962 | Jan. 09 | 32,500 | 20.09 |
| 1883 | Jan. 22 | 111,000 | 30.80 | 1923 | Feb. 28 | 59,700 | 28.00 | 1963 | Mar. 23 | 31,300 | 19.52 |
| 1884 | Apr. 16 | 81,000 | 28.00 | 1924 | Sept.22 | 59,700 | 28.00 | 1964 | Apr. 09 | 87,100 | 24.16 |
| 1885 | Jan. 26 | 77,000 | 27.50 | 1925 | Jan. 20 | 150,000 | 36.50 | 1965 | Dec. 27 | 34,600 | 20.62 |
| 1886 | May 21 | 135,000 | 32.50 | 1926 | Jan. 20 | 55,300 | 27.30 | 1966 | Mar. 06 | 39,300 | 21.50 |
| 1887 | July 31 | 173,000 | 34.50 | 1927 | Dec. 30 | 39,000 | 24.00 | 1967 | Aug. 25 | 26,500 | 18.10 |
| 1888 | Sept.11 | 303,000 | 38.70 | 1928 | Aug. 17 | 226,000 | 40.40 | 1968 | Jan. 12 | 35,900 | 20.94 |
| 1889 | Feb. 19 | 149,000 | 33.30 | 1929 | Sept.27 | 343,000 | 46.30 | 1969 | Apr. 21 | 45,600 | 22.24 |
| 1890 | Feb. 27 | 48,500 | 22.90 | 1930 | Oct. 02 | 350,000 | 45.10 | 1970 | Apr. 01 | 25,200 | 17.68 |
| 1891 | Mar. 10 | 197,000 | 35.50 | 1931 | Nov. 17 | 26,100 | 19.90 | 1971 | Mar. 05 | 63,900 | 23.30 |
| 1892 | Jan. 20 | 140,000 | 32.80 | 1932 | Jan. 09 | 93,800 | 30.40 | 1972 | Jan. 20 | 33,700 | 20.36 |
| 1893 | Feb. 14 | 60,000 | 25.00 | 1933 | Oct. 18 | 92,600 | 30.30 | 1973 | Apr. 08 | 40,200 | 21.63 |
| 1894 | Aug. 07 | 54,000 | 24.00 | 1934 | Mar. 05 | 73,200 | 28.50 | 1974 | Feb. 23 | 32,900 | 20.13 |
| 1895 | Jan. 11 | 106,000 | 30.40 | 1935 | Mar. 15 | 63,700 | 27.40 | 1975 | Mar. 25 | 45,600 | 22.24 |
| 1896 | July 10 | 107,000 | 30.50 | 1936 | Apr. 08 | 258,000 | 41.20 | 1976 | June 05 | 33,300 | 20.27 |
| 1897 | Apr. 06 | 93,300 | 29.30 | 1937 | Jan. 04 | 91,400 | 30.10 | 1977 | Apr. 07 | 34,200 | 20.50 |
| 1898 | Sept.02 | 117,000 | 31.30 | 1938 | Oct. 21 | 91,400 | 30.10 | 1978 | Jan. 26 | 43,100 | 21.98 |
| 1899 | Feb. 08 | 113,000 | 31.00 | 1939 | Mar. 02 | 90,900 | 24.10 | 1979 | Feb. 27 | 37,300 | 21.13 |
| 1900 | Feb. 15 | 138,000 | 32.70 | 1940 | Aug. 15 | 239,000 | 29.40 | 1980 | Mar. 31 | 47,200 | 22.33 |
| 1901 | Apr. 04 | 124,000 | 31.80 | 1941 | July 08 | 53,300 | 22.89 | 1981 | Feb. 12 | 17,700 | 14.70 |
| 1902 | Mar. 01 | 175,000 | 34.60 | 1942 | Mar. 23 | 105,000 | 24.56 | 1982 | Jan. 02 | 30,700 | 19.39 |
| 1903 | Feb. 09 | 147,000 | 33.20 | 1943 | Jan. 20 | 117,000 | 25.10 | 1983 | Apr. 10 | 66,100 | 23.21 |
| 1904 | Aug. 10 | 63,000 | 25.50 | 1944 | Mar. 22 | 128,000 | 25.53 | 1984 | Mar. 05 | 34,000 | 20.35 |
| 1905 | Feb. 14 | 64,800 | 25.80 | 1945 | Apr. 27 | 64,000 | 23.16 | 1985 | Feb. 07 | 25,700 | 17.89 |
| 1906 | Jan. 05 | 96,600 | 29.60 | 1946 | Jan. 09 | 97,200 | 24.43 | 1986 | Oct. 03 | 21,000 | 15.74 |
| 1907 | Oct. 05 | 52,000 | 23.60 | 1947 | Jan. 22 | 86,000 | 23.97 | 1987 | Mar. 06 | 29,200 | 18.98 |
| 1908 | Aug. 27 | 307,000 | 38.80 | 1948 | Feb. 10 | 83,200 | 23.90 | 1988 | Feb. 05 | 13,600 | 10.61 |
| 1909 | June 05 | 87,300 | 28.70 | 1949 | Nov. 30 | 154,000 | 26.61 | 1989 | Sept.22 | 20,200 | 15.33 |
| 1910 | Mar. 02 | 69,800 | 26.40 | 1950 | Oct. 09 | 32,500 | 20.10 | 1990 | Feb. 27 | 35,300 | 20.69 |

## 02197190 MCBEAN CREEK NEAR MCBEAN, GEORGIA

LOCATION.--Lat 33°14'12", long 82°02'38", Richmond County, at State Highway 21, 5.5 mi west of McBean.
DRAINAGE AREA.--41.4 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 170 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by discharge measurement below 2,700 $ft^3/s$. Bankfull stage and discharge, 5 ft and 800 $ft^3/s$.
REMARKS.--Peak discharges for 1965-66, and 1971 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | June 18 | 278 | 4.33 | 1973 | Apr. 07 | 262 | 4.21 | 1982 | Jan. 01 | 225 | 3.92 |
| 1964 | May. 03 | 335 | 4.75 | 1974 | Feb. 15 | 251 | 4.12 | 1983 | Feb. 14 | 262 | 4.21 |
| 1965 | Oct. 16 | 520 | 5.62 | 1975 | Apr. 03 | 266 | 4.24 | 1984 | July 31 | 264 | 4.22 |
| 1966 | Apr. 04 | 410 | 5.12 | 1976 | Mar. 16 | 245 | 4.08 | 1985 | Feb. 06 | 274 | 4.30 |
| 1967 | Mar. 11 | 290 | 4.42 | 1977 | Mar. 13 | 249 | 4.11 | 1986 | Nov. 22 | 295 | 4.46 |
| 1968 | Apr. -- | 200 | --b | 1978 | Jan. 26 | 288 | 4.41 | 1987 | Mar. 01 | 301 | 4.51 |
| 1969 | Jan. 19 | 331 | 4.72 | 1979 | May. 31 | 268 | 4.25 | 1988 | Sept.09 | 216 | 3.84 |
| 1970 | Mar. 31 | 341 | 4.79 | 1980 | Mar. 12 | 286 | 4.39 | 1989 | Sept.22 | 272 | 4.26 |
| 1971 | Mar. 03 | 450 | 5.30 | 1981 | Feb. 11 | 257 | 4.17 | 1990 | Feb. -- | 180 | --b |
| 1972 | Jan. 10 | 280 | 4.33 | | | | | | | | |

## 02197500 SAVANNAH RIVER NEAR MILLHAVEN, GEORGIA

LOCATION.--Lat 32°56'20", long 81°30'10", Screven County, on downstream side of left pier of drawspan of bridge on U.S. Highway 301, 2 mi downstream from Rocky Creek, 9 mi east of Millhaven and at mile 118.7.
DRAINAGE AREA.--8,650 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 52.42 ft above sea level (levels by U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 141,000 $ft^3/s$, and extended above by logarithmic plotting. Bankfull stage and discharge, 15 ft and 20,000 $ft^3/s$.
HISTORICAL DATA.--Flood-stage of October 1929, from information furnished by U.S. Army Corps of Engineers. This peak was the highest since 1796 based on other stations on the Savannah River.
REMARKS.--Peak discharges are affected by storage in Lake Burton, Mathis Reservoir, Hartwell, and J. Strom Thurmond (formerly Clarks Hill Lake). See station 02197000 for dates of regulations and maximum flood-control storage capacities.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. 23 | 110,000 | 25.10c | 1950 | Oct. 14 | 18,500 | 14.87 | 1965 | Apr. 04 | 32,800 | 17.66 |
| 1928 | Aug. 27 | 98,000 | 24.10 | 1951 | Oct. 27 | 25,700 | 16.53 | 1966 | Mar. 09 | 37,100 | 18.05 |
| 1929 | Mar. 10 | 116,000 | 25.60 | 1952 | Mar. 29 | 38,500 | 18.26 | 1967 | June 17 | 22,000 | 15.47 |
| 1930 | Oct. 05 | 220,000 | 30.80 | 1953 | May. 12 | 31,800 | 17.52 | 1968 | Jan. 16 | 26,800 | 16.64 |
| 1936 | Apr. 09 | 170,000 | 28.61c | 1954 | Apr. 06 | 17,600 | 14.40 | 1969 | Apr. 25 | 37,200 | 18.31 |
| 1940 | Aug. 18 | 141,000 | 27.00 | 1955 | Apr. 18 | 15,000 | 13.21 | 1970 | Apr. 04 | 18,200 | 14.14 |
| 1941 | July 13 | 38,400 | 18.20 | 1956 | Mar. 19 | 13,700 | 11.95 | 1983 | Apr. 15 | 58,000 | -- |
| 1942 | Mar. 26 | 73,000 | 22.00 | 1957 | May. 11 | 13,900 | 12.27 | 1984 | May. 12 | 33,900 | 17.83 |
| 1943 | Jan. 23 | 80,900 | 22.60 | 1958 | Apr. 22 | 41,400 | 18.94 | 1985 | Feb. 10 | 19,700 | 14.69 |
| 1944 | Mar. 26 | 89,300 | 23.40 | 1959 | June 13 | 27,400 | 16.59 | 1986 | Nov. 25 | 15,200 | 12.71 |
| 1945 | May. 01 | 42,900 | 18.80 | 1960 | Feb. 17 | 37,100 | 18.28 | 1987 | Mar. 10 | 27,600 | 16.79 |
| 1946 | Jan. 12 | 68,600 | 21.60 | 1961 | Apr. 24 | 32,400 | 17.60 | 1988 | Oct. 02 | 11,900 | 10.80 |
| 1947 | Jan. 25 | 67,500 | 21.53 | 1962 | Jan. 15 | 27,400 | 16.75 | 1989 | Mar. 26 | 19,800 | 14.73 |
| 1948 | Feb. 14 | 61,000 | 21.10 | 1963 | Mar. 27 | 29,200 | 17.22 | 1990 | Mar. 02 | 36,000 | 18.14 |
| 1949 | Dec. 03 | 108,000 | 24.91 | 1964 | Apr. 15 | 71,700 | 22.10 | | | | |

## 02197520 BRIER CREEK NEAR THOMSON, GEORGIA

LOCATION.--Lat 33°22'06", long 82°28'06", McDuffie County, on downstream side of bridge on State Highway 17, 0.2 mi upstream from Sweetwater Creek, and 6.9 mi south of Thomson.
DRAINAGE AREA.--55 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is about 330 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 4,300 $ft^3/s$, and extended above based on straight-line extension. Bankfull stage and discharge, 12 ft and 1,600 $ft^3/s$.
REMARKS.--High-water mark of flood of Feb. 24, 1961 from Georgia Department of Transportation was highest since 1929 based on comparison with nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 24 | 5,600 | 19.22c | 1976 | Mar. 16 | 2,100 | 11.69 | 1984 | May. 04 | 3,270 | 15.62 |
| 1968 | Jan. 11 | 1,560 | 12.10c | 1977 | Mar. 22 | 2,620 | 14.39 | 1985 | Feb. 06 | 1,660 | 12.12 |
| 1970 | Mar. 31 | 2,100 | 13.47 | 1978 | Jan. 26 | 2,560 | 14.28 | 1986 | Nov. 22 | 404 | 7.71 |
| 1971 | Mar. 03 | 4,810 | 18.09 | 1979 | Feb. 24 | 3,270 | 15.55 | 1987 | Jan. 22 | 1,400 | 11.38 |
| 1972 | Jan. 14 | 1,420 | 11.54 | 1980 | Mar. 13 | 3,730 | 16.39 | 1988 | Apr. 24 | 1,580 | 11.90 |
| 1973 | Apr. 08 | 3,060 | 15.27 | 1981 | June 08 | 1,560 | 11.85 | 1989 | Sept. 30 | 1,380 | 11.32 |
| 1974 | Apr. 05 | 3,200 | 15.47 | 1982 | Jan. 01 | 2,210 | 13.54 | 1990 | Oct. 02 | 1,140 | 10.56 |
| 1975 | Apr. 03 | 2,580 | 14.29 | 1983 | Apr. 09 | 3,990 | 16.80 | | | | |

## 02197550 LITTLE BRIER CREEK NEAR THOMSON, GEORGIA

LOCATION.--Lat 33°20'24", long 82°27'29", McDuffie County, on left bank at downstream side of bridge on State Highway 17, one-half mile above mouth and 9 miles south of Thomson.
DRAINAGE AREA.--24 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 313.95 ft above sea level, supplementary adjustment of 1936 (from Georgia Department of Transportation). Prior to June 23, 1960, crest-stage gage at same site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 800 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--The peak discharges may or may not be affected by backwater. Peak discharges for 1964, 1965, and 1967 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1952 | Mar. 04 | 960 | 8.53 | 1958 | Apr. 16 | 820 | 8.34 | 1963 | Mar. 13 | 496 | 7.76 |
| 1953 | Sept. 27 | 495 | 7.77 | 1959 | May. -- | 470 | 7.66 | 1964 | May. 03 | 1,800 | 9.68 |
| 1954 | Jan. 16 | 210 | 7.02 | 1960 | Jan. 31 | 796 | 8.26 | 1965 | Dec. 26 | 1,100 | 8.56 |
| 1955 | Apr. -- | 550 | 7.85 | 1961 | Feb. 25 | 1,300 | 8.94 | 1966 | Mar. 04 | 602 | 7.78 |
| 1956 | Mar. 16 | 445 | 7.65 | 1962 | Jan. 06 | 676 | 8.06 | 1967 | Mar. 11 | 700 | 9.14 |
| 1957 | June 00 | 272 | 7.22 | | | | | | | | |

## 02197600 BRUSHY CREEK NEAR WRENS, GEORGIA

LOCATION.--Lat 33°10'37", long 82°18'21", Jefferson County, at right bank on downstream side on State Highway 80, 5 mi southwest of Wrens, and 5.5 mi upstream from Little Brushy Creek.
DRAINAGE AREA.--28 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 282.56 ft above sea level (levels from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 4,230 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | Mar. 06 | 425 | 5.73 | 1970 | Mar. 31 | 425 | 6.42 | 1981 | Feb. 11 | 195 | 4.59 |
| 1960 | Mar. 30 | 752 | 7.28 | 1971 | Mar. 03 | 1,200 | 8.03 | 1982 | Feb. 04 | 244 | 5.02 |
| 1961 | July 19 | 728 | 7.25 | 1972 | Jan. 14 | 318 | 5.09 | 1983 | Feb. 14 | 375 | 5.58 |
| 1962 | Feb. 22 | 592 | 6.55 | 1973 | Apr. 07 | 608 | 6.87 | 1984 | Mar. 25 | 414 | 5.72 |
| 1963 | Jan. 21 | 292 | 4.95 | 1974 | Feb. 07 | 316 | 5.15 | 1985 | Feb. 06 | 356 | 5.90 |
| 1964 | Aug. 12 | 658 | 6.90 | 1975 | Feb. 19 | 355 | 5.38 | 1986 | Nov. 22 | 334 | 5.73 |
| 1965 | Mar. 25 | 324 | 5.13 | 1976 | Mar. 17 | 229 | 5.24 | 1987 | Jan. 19 | 660 | 7.28 |
| 1966 | Mar. 04 | 800 | 7.44 | 1977 | Mar. 22 | 356 | 6.33 | 1988 | Sept. 09 | 95.0 | 3.61 |
| 1967 | Mar. 11 | 206 | 5.11 | 1978 | Jan. 26 | 532 | 6.55 | 1989 | Apr. 10 | 154 | 4.43 |
| 1968 | July 12 | 276 | 5.66 | 1979 | July 22 | 276 | 5.43 | 1990 | Feb. 17 | 136 | 4.26 |
| 1969 | June 30 | 148 | 4.43 | 1980 | Mar. 13 | 905 | 7.05 | | | | |

## 02197810 WALNUT BRANCH NEAR WAYNESBORO, GEORGIA

LOCATION.--Lat 33°08'11", long 82°02'10", Burke County, at highway bridge on U.S. Highway 25, about 7.1 mi south of Burke-Richmond County line, and 3.7 mi north of Waynesboro.
DRAINAGE AREA.--11.9 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 198 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and discharge, 6 ft and 85 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Dec. 26 | 241 | 7.58 | 1969 | May. 19 | 156 | 7.08 | 1972 | Jan. 14 | 328 | 8.01 |
| 1966 | Mar. 04 | 598 | 8.89 | 1970 | Mar. 31 | 257 | 7.66 | 1973 | Feb. 02 | 301 | 7.88 |
| 1967 | Mar. 11 | 160 | 7.09 | 1971 | Mar. 04 | 206 | 7.39 | 1974 | Feb. 07 | 228 | 7.51 |
| 1968 | Jan. 10 | 65.0 | 6.08 | | | | | | | | |

## 02197830 BRIER CREEK NEAR WAYNESBORO, GEORGIA

LOCATION.--Lat 33°07'05", long 81°57'50", Burke County, on left bank on downstream end of pier of bridge on State Highway 56, 3.8 mi northeast of Waynesboro.
DRAINAGE AREA.--473 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 173.78 ft above sea level (from U.S. Coast and Geodetic Survey benchmark). From Nov. 9, 1949 to June 4, 1953, crest-stage gage at site 150 ft downstream and at datum 0.40 ft higher. All gage readings have been adjusted to present datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 14,200 $ft^3/s$. above on the basis of slope-conveyance studies at 41,000 and 48,000 $ft^3/s$. Bankfull stage and discharge, 8 ft and 2,500 $ft^3/s$.
REMARKS.--Flood-stages of Oct. 1, 1929 and Apr. 9, 1936 based on information provided by local residents. The 1929 flood was probably the greatest since Millhaven Plantation was settled in 1796. Peak discharges for 1929 and 1936 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1930 | Oct. 01 | 48,000 | 23.00c | 1975 | Apr. 06 | 3,850 | 9.06 | 1983 | Apr. 11 | 3,740 | 9.09 |
| 1936 | Apr. 09 | 41,000 | 21.60c | 1976 | Mar. 20 | 2,360 | 7.96 | 1984 | May. 07 | 3,400 | 8.85 |
| 1952 | Mar. 09 | 5,400 | 10.00 | 1977 | Mar. 24 | 4,230 | 9.31 | 1985 | Feb. 09 | 4,170 | 9.35 |
| 1953 | May 09 | 4,700 | 9.60 | 1978 | Jan. 28 | 5,200 | 9.88 | 1986 | Nov. 26 | 1,730 | 7.43 |
| 1970 | Apr. 03 | 3,770 | 9.15 | 1979 | Feb. 27 | 5,230 | 9.90 | 1987 | Jan. 22 | 3,800 | 9.13 |
| 1971 | Mar. 05 | 10,800 | 12.28 | 1980 | Mar. 15 | 6,320 | 10.46 | 1988 | Apr. 27 | 1,770 | 7.47 |
| 1972 | Jan. 15 | 3,600 | 8.92 | 1981 | Feb. 15 | 2,520 | 8.18 | 1989 | Apr. 14 | 1,870 | 7.80 |
| 1973 | Apr. 10 | 4,450 | 9.44 | 1982 | Jan. 04 | 3,600 | 8.92 | 1990 | Oct. 05 | 1,930 | 7.85 |
| 1974 | Apr. 08 | 3,610 | 8.93 | | | | | | | | |

## 02198000 BRIER CREEK AT MILLHAVEN, GEORGIA

LOCATION.--Lat 32°56'00", long 81°39'05", Screven County, near right bank on downstream side of pier of highway bridge at Millhaven, 8.5 mi upstream from Beaver Dam Creek.
DRAINAGE AREA.--646 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 95.88 ft above sea level, supplementary adjustment of 1936 (from U.S. Coast and Geodetic Survey benchmark). Prior to June 7, 1950, nonrecording gage at site 200 ft downstream at same datum. June 7, 1950 to Apr. 30, 1951, nonrecording gage at present site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 20,000 $ft^3/s$, and extended above on basis of slope-conveyance studies. Bankfull stage and discharge, 8 ft and 2,000 $ft^3/s$.
HISTORICAL DATA.--Flood stage of January 1925, October 1929, and April 1936 based on information provided by Georgia Department of Transportation. The 1929 flood was probably the greatest since Millhaven Plantation was settled in 1796.
REMARKS.--Peak discharge for 1950 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. 23 | 43,000 | 22.10c | 1954 | Dec. 20 | 1,560 | 7.40 | 1973 | Apr. 12 | 4,130 | 10.93 |
| 1930 | Oct. 01 | 64,000 | 25.10c | 1955 | Apr. 20 | 3,220 | 10.00 | 1974 | Apr. 10 | 3,140 | 9.82 |
| 1936 | Apr. 09 | 43,000 | 22.10c | 1956 | Mar. 22 | 2,900 | 9.60 | 1975 | Apr. 08 | 3,450 | 10.18 |
| 1938 | Apr. 13 | 3,110 | 10.00 | 1957 | Apr. 01 | 1,140 | 6.40 | 1976 | Mar. 22 | 2,290 | 8.54 |
| 1939 | Mar. 03 | 5,900 | 12.20 | 1958 | Apr. 21 | 4,440 | 11.20 | 1977 | Mar. 26 | 3,990 | 10.72 |
| 1940 | Aug. 16 | 25,400 | 17.40 | 1959 | Mar. 12 | 2,340 | 8.80 | 1978 | Jan. 30 | 4,710 | 11.44 |
| 1941 | July 22 | 2,720 | 9.40 | 1960 | Apr. 06 | 9,300 | 13.60 | 1979 | Mar. 01 | 4,950 | 11.68 |
| 1942 | Mar. 26 | 4,100 | 10.90 | 1961 | Apr. 17 | 7,240 | 12.60 | 1980 | Mar. 17 | 5,930 | 12.17 |
| 1943 | Mar. 26 | 4,100 | 10.90 | 1962 | Feb. 27 | 3,500 | 10.30 | 1981 | Feb. 17 | 2,050 | 8.31 |
| 1944 | Mar. 28 | 6,360 | 12.40 | 1963 | Jan. 26 | 3,700 | 10.50 | 1982 | Jan. 06 | 3,450 | 10.19 |
| 1945 | Mar. 03 | 997 | 6.00 | 1964 | May. 07 | 9,000 | 13.50 | 1983 | Apr. 14 | 3,550 | 10.30 |
| 1946 | Jan. 01 | 2,040 | 8.30 | 1965 | Dec. 31 | 6,360 | 12.40 | 1984 | May. 09 | 2,870 | 9.45 |
| 1947 | Mar. 13 | 3,800 | 10.60 | 1966 | Mar. 06 | 6,420 | 12.43 | 1985 | Feb. 11 | 3,620 | 10.37 |
| 1948 | Sept. 11 | 4,900 | 11.60 | 1967 | Mar. 16 | 4,490 | 11.24 | 1986 | Dec. 13 | 1,970 | 8.00 |
| 1949 | Dec. 03 | 4,700 | 11.30 | 1968 | Jan. 17 | 1,910 | 8.08 | 1987 | Jan. 24 | 4,410 | 11.15 |
| 1950 | Mar. 16 | 1,200 | -- | 1969 | Apr. 22 | 1,360 | 6.97 | 1988 | Apr. 30 | 1,520 | 7.24 |
| 1951 | Mar. 21 | 1,060 | 6.30 | 1970 | Apr. 05 | 3,700 | 10.50 | 1989 | Apr. 16 | 2,140 | 8.34 |
| 1952 | Mar. 09 | 4,200 | 11.00 | 1971 | Mar. 07 | 9,720 | 14.34 | 1990 | Dec. 15 | 1,890 | 8.00 |
| 1953 | May. 09 | 3,140 | 9.90 | 1972 | Jan. 17 | 3,780 | 10.58 | | | | |

## 02198500 SAVANNAH RIVER NEAR CLYO, GEORGIA

LOCATION.--Lat 32°31'30", long 81°15'45", Effingham County, on downstream side of center pier of drawspan of bridge on Seaboard Coast Line Railroad, 3.0 mi north of Clyo, and at mile 60.9.
DRAINAGE AREA.--9,850 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 13.39 ft above sea level. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft higher. Jan 31, 1933 to June 12, 1945, nonrecording gage at same site and datum. All gage readings have been adjusted to present datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 130,000 $ft^3/s$, and extended by logarithmic plotting. Bankfull stage and discharge, 11 ft and 15,000 $ft^3/s$.
HISTORICAL DATA.--Flood stage of October 1929, from information furnished by U.S. Army Corps of Engineers, was the highest since 1796 based on comparison with nearby stations on the Savannah River.
REMARKS.--Peak discharge prior to June 13, 1945, are from graphs based on gage readings. Gage heights prior to 1930 furnished by U.S. Army Corps of Engineers and those for 1930-37 furnished by National Weather Service. Peak discharges are affected by storage in Lake Burton, Mathis Reservoirs, Hartwell and J. Strom Thurmond Lakes (formerly Clarks Hill Lake). (See station 02197000 for dates of regulation and maximum flood-control storage capacities.)

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. 24 | 134,000 | 23.90 | 1947 | Jan. 28 | 63,200 | 19.40 | 1969 | Apr. 29 | 39,700 | 16.74 |
| 1926 | Jan. 28 | 31,400 | 15.40 | 1948 | Feb. 17 | 71,000 | 19.66 | 1970 | Apr. 07 | 21,000 | 13.31 |
| 1927 | Mar. 06 | 20,600 | 13.40 | 1949 | Dec. 06 | 104,000 | 22.17 | 1971 | Mar. 06 | 54,500 | 18.11 |
| 1928 | Aug. 23 | 106,000 | 22.30 | 1950 | Oct. 19 | 16,000 | 12.21 | 1972 | Jan. 26 | 36,400 | 16.30 |
| 1929 | Mar. 11 | 128,000 | 23.60 | 1951 | Nov. 01 | 22,600 | 13.38 | 1973 | Apr. 15 | 44,500 | 17.29 |
| 1930 | Oct. 06 | 270,000 | 29.70 | 1952 | Apr. 02 | 41,300 | 16.90 | 1974 | Mar. 01 | 33,000 | 15.78 |
| 1931 | Nov. 28 | 18,200 | 12.77 | 1953 | May. 17 | 35,800 | 15.80 | 1975 | Mar. 24 | 50,600 | 17.83 |
| 1932 | Jan. 15 | 59,600 | 19.18 | 1954 | Apr. 12 | 18,800 | 12.49 | 1976 | June 14 | 33,500 | 15.87 |
| 1933 | Jan. 04 | 59,600 | 19.20 | 1955 | Apr. 23 | 15,500 | 11.35 | 1977 | Dec. 22 | 33,400 | 15.85 |
| 1934 | June 15 | 43,800 | 17.20 | 1956 | Mar. 22 | 14,100 | 10.47 | 1978 | Feb. 03 | 38,700 | 16.81 |
| 1935 | Mar. 22 | 29,100 | 15.20 | 1957 | May. 15 | 15,000 | 11.15 | 1979 | Apr. 27 | 36,600 | 16.34 |
| 1936 | Apr. 13 | 176,000 | 26.00 | 1958 | Apr. 25 | 45,500 | 17.41 | 1980 | Apr. 02 | 58,600 | 18.40 |
| 1937 | Jan. 11 | 65,800 | 19.40 | 1959 | June 18 | 26,000 | 14.36 | 1981 | Feb. 16 | 13,600 | 10.39 |
| 1938 | Apr. 16 | 48,400 | 17.80 | 1960 | Feb. 19 | 40,900 | 17.35 | 1982 | Jan. 11 | 19,500 | 12.89 |
| 1939 | Mar. 08 | 70,100 | 20.40 | 1961 | Apr. 25 | 34,900 | 16.20 | 1983 | Apr. 17 | 58,600 | 18.40 |
| 1940 | Aug. 22 | 128,000 | 23.60 | 1962 | Jan. 19 | 28,200 | 14.98a | 1984 | May. 14 | 37,700 | 16.48 |
| 1941 | July 17 | 36,500 | 16.30 | 1963 | Mar. 31 | 29,200 | 15.27 | 1985 | Feb. 15 | 19,500 | 12.89 |
| 1942 | Mar. 29 | 73,000 | 20.00 | 1964 | Apr. 18 | 83,800 | 20.22 | 1986 | Nov. 28 | 15,800 | 11.50 |
| 1943 | Jan. 27 | 73,000 | 20.00 | 1965 | Apr. 06 | 38,000 | 16.52 | 1987 | Mar. 13 | 29,700 | 15.57 |
| 1944 | Mar. 29 | 95,200 | 21.60 | 1966 | Mar. 11 | 42,800 | 17.10 | 1988 | Oct. 04 | 11,400 | 8.93 |
| 1945 | May. 05 | 34,400 | 16.00 | 1967 | June 22 | 22,500 | 13.67 | 1989 | Sept.26 | 14,200 | 10.54 |
| 1946 | Jan. 16 | 64,400 | 19.50 | 1968 | Jan. 21 | 28,000 | 14.84 | 1990 | Mar. 05 | 39,400 | 16.70 |

## 02198532 EBENEZER CREEK TRIBUTARY NEAR KILDARE, GEORGIA

LOCATION.--Lat 32°33'04", long 81°22'15", Effingham County, at culvert on Clyo Road near Kildare.
DRAINAGE AREA.-- 1.02 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 20 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Sept.04 | 31.0 | 1.10 | 1982 | Feb. 12 | 24.0 | 0.99 | 1985 | Aug. 08 | 13.0 | 0.71 |
| 1980 | Mar. 13 | 18.0 | 0.86 | 1983 | Mar. 06 | 32.0 | 1.11 | 1986 | Nov. 22 | 65.0 | 1.66 |
| 1981 | June 11 | 60.0 | 1.58 | 1984 | May. 03 | 29.0 | 1.07 | | | | |

SAVANNAH RIVER BASIN

02198740 LOCKNER CREEK TRIBUTARY NEAR RINCON, GEORGIA

LOCATION.--Lat 32°20'54", long 81°11'11", Effingham County, at culvert on unpaved road, 0.4 mile west of intersection with Old Augusta Road near Rincon.
DRAINAGE AREA.--1.59 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 60 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Sept.04 | 107 | 8.23 | 1982 | July 09 | 57.0 | 4.06 | 1984 | Mar. 06 | 48.0 | 3.58 |
| 1980 | Mar. 13 | 41.0 | 3.14 | 1983 | Mar. 17 | 51.0 | 3.77 | 1985 | Aug. 30 | 108 | 8.31 |
| 1981 | Aug. 19 | 27.0 | 2.36 | | | | | | | | |

OGEECHEE RIVER BASIN

02199700 SOUTH FORK OGEECHEE RIVER NEAR CRAWFORDVILLE, GEORGIA

LOCATION.--Lat 33°31'00", long 82°54'22", Taliaferro County, at State Highway 22, 3 miles south of Crawfordville.
DRAINAGE AREA.--31.3 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 340.97 ft above sea level (from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 1,600 $ft^3/s$ and extended above on the basis of straight-line extension.
REMARKS.--The flood stage of 1948 provided by Georgia Department of Transportation and the discharge is an estimate. Peaks below 9.0 ft may be affected by backwater.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1949 | Dec. 01 | 3,700 | 17.13c | 1957 | Dec. 25 | 984 | 9.09 | 1964 | May. 02 | 2,190 | 13.22 |
| 1951 | Dec. 09 | 698 | 7.75 | 1958 | Feb. 06 | 1,150 | 9.84 | 1965 | Dec. 26 | 2,220 | 13.30 |
| 1952 | Mar. 03 | 2,260 | 13.40 | 1959 | Feb. -- | 675 | 7.71 | 1966 | Mar. 04 | 1,550 | 11.17 |
| 1953 | May. 01 | 2,380 | 13.72 | 1960 | Jan. 30 | 1,590 | 11.29 | 1967 | Mar. 10 | 1,750 | 11.82 |
| 1954 | Dec. 14 | 390 | 6.00 | 1961 | Feb. 25 | 2,580 | 14.25 | 1968 | Jan. 21 | 1,110 | 9.63 |
| 1955 | Feb. 07 | 762 | 8.06 | 1962 | Feb. 22 | 1,470 | 10.87 | 1969 | May. 19 | 1,620 | 11.40 |
| 1956 | Mar. 16 | 1,260 | 10.23 | 1963 | June 28 | 1,320 | 10.44 | | | | |

## 02200000 OGEECHEE RIVER AT JEWELL, GEORGIA

LOCATION.--Lat 33°17'48", long 82°46'40", Hancock-Warren County line, 0.5 mi downstream from Long Creek, 5 mi downstream from Georgia Railroad bridge, on Georgia Highway 16 at Jewell.
DRAINAGE AREA.--242 $mi^2$.
GAGE.--Crest-stage gage after November 29, 1983; nonrecording gage at site 500 ft upstream at different datum from Sept. 13, 1943 to March 24, 1944. All gage readings have been adjusted to present datum. Datum of gage is 331.28 ft above sea level (from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 8,500 $ft^3/s$ and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 10 ft and 2,000 $ft^3/s$.
REMARKS.--Flood stages of 1888, 1928, 1929, and 1961 provided by Georgia Department of Transportation. Flood of 1888 was probably highest since 1840 based on comparison with nearby stations. Flood stage of 1971 flood from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1888 | Dec. -- | 27,000 | 34.12c | 1971 | Mar. 02 | 6,200 | 19.15c | 1987 | Jan. 20 | 3,100 | 12.85 |
| 1928 | Aug. 16 | 15,000 | 25.82c | 1984 | May 04 | 4,580 | 15.99 | 1988 | Apr. 12 | 2,460 | 11.32 |
| 1929 | Sept.28 | 22,500 | 30.12c | 1985 | Feb. 06 | 5,670 | 18.25 | 1989 | Oct. 04 | 2,620 | 11.73 |
| 1944 | Mar. 24 | 9,650 | 22.92 | 1986 | Feb. -- | 1,400 | --b | 1990 | Oct. 01 | 7,800 | 22.16 |
| 1961 | Feb. 25 | 18,500 | 27.52c | | | | | | | | |

## 02200100 LITTLE OGEECHEE RIVER AT HAMBURG, GEORGIA

LOCATION.--Lat 33°12'25", long 82°46'38", Washington County, at State Highway 248, at Hamburg.
DRAINAGE AREA.--55 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 335 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 460 $ft^3/s$, and extended above on basis of computation of flow over dam.
REMARKS.--Storage by small milldam may affect lower peak discharges.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | July 02 | 230 | 3.80 | 1960 | Feb. 13 | 1,600 | 5.49 | 1969 | May 19 | 180 | 3.71 |
| 1952 | Mar. 04 | 1,820 | 5.71 | 1961 | Feb. 25 | 4,070 | 7.37 | 1970 | Mar. 21 | 830 | 4.70 |
| 1953 | May 01 | 2,340 | 6.13 | 1962 | Mar. 12 | 830 | 4.71 | 1971 | Mar. 02 | 3,600 | 7.02 |
| 1954 | Jan. 16 | 305 | 3.97 | 1963 | Jan. 20 | 1,200 | 5.08 | 1973 | Apr. 07 | 1,330 | 5.23 |
| 1955 | Apr. 09 | 510 | 4.29 | 1964 | May 02 | 1,530 | 5.45 | 1974 | Apr. 05 | 956 | 4.84 |
| 1956 | Mar. 16 | 830 | 4.73 | 1965 | Dec. 26 | 1,940 | 5.80 | 1975 | Apr. 03 | 1,010 | 4.90 |
| 1957 | Mar. 26 | 330 | 4.02 | 1966 | Mar. 04 | 920 | 4.80 | 1976 | Mar. 16 | 517 | 4.31 |
| 1958 | Apr. 16 | 510 | 4.30 | 1967 | Feb. 07 | 265 | 3.87 | 1980 | Mar. 14 | 2,200 | 6.00c |
| 1959 | Feb. -- | 450 | 4.20 | 1968 | Apr. 06 | 408 | 4.13 | | | | |

## 02200400 ROCKY COMFORT CREEK NEAR GRANGE, GEORGIA

LOCATION.--Lat 33°06'09", long 82°34'02", Jefferson County, at bridge on State Highway 88, 1.5 mi northeast of Grange.
DRAINAGE AREA.--188 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 250.10 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,000 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Feb. 28 | 3,610 | 14.41 | 1983 | Apr. 11 | 2,280 | 12.80 | 1987 | Jan. 20 | 1,660 | 11.76 |
| 1980 | Mar. 14 | 4,020 | 14.82 | 1984 | May 05 | 1,760 | 11.93 | 1988 | Apr. 19 | 770 | 9.86 |
| 1981 | Feb. 11 | 1,650 | 11.76 | 1985 | Feb. 06 | 584 | 9.03 | 1989 | Apr. 11 | 1,190 | 10.91 |
| 1982 | Jan. 02 | 1,840 | 12.06 | 1986 | Apr. 23 | 680 | 9.60 | 1990 | Oct. 02 | 1,550 | 11.60 |

## 02200500 OGEECHEE RIVER NEAR LOUISVILLE, GEORGIA

LOCATION.--Lat 32°58'03", long 82°23'26", Jefferson County, at U.S. Highway 1, 1 mi downstream from Louisville and Wadley Railroad bridge, 2 mi south of Louisville, 2 mi downstream from Rocky Comfort Creek, and 2 mi upstream from Big Creek.
DRAINAGE AREA.--800 $mi^2$.
GAGE.--Nonrecording prior to Aug. 30, 1941; recording Aug. 30, 1941 to Dec. 31, 1949; crest-stage gage thereafter. Datum of gage is 199.24 ft above sea level (levels by U.S. Army Corps of Engineers), supplementary adjustment 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 17,000 $ft^3/s$, and extended above on basis of slope-conveyance study. Bankful stage and discharge, 11 ft and 2,000 $ft^3/s$..
HISTORICAL DATA.--Flood stage of October 1929 based on information from Central of Georgia Railway Company, and was the highest flood known since 1840 based on comparison with nearby stations. The local newspaper, published since 1871, referred to the October 1929 flood as the "highest in history".
REMARKS.--Peak discharges for 1951 and 1971 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1930 | Oct. 01 | 46,000 | 21.30c | 1947 | Mar. 10 | 10,700 | 15.70 | 1958 | Apr. 22 | 6,900 | 14.60 |
| 1936 | Apr. 09 | 17,000 | 17.00 | 1948 | Feb. 12 | 7,500 | 14.80 | 1959 | Apr. 14 | 3,630 | 12.90 |
| 1937 | May 02 | 12,800 | 16.10 | 1949 | Dec. 01 | 14,500 | 16.50 | 1960 | Feb. 02 | 10,300 | 15.60 |
| 1938 | Apr. 10 | 8,900 | 15.20 | 1950 | Oct. 12 | 3,510 | 12.80 | 1961 | Feb. 25 | 17,000 | 17.00 |
| 1939 | Mar. 02 | 12,800 | 16.10 | 1951 | Apr. 01 | 2,400 | -- | 1962 | Jan. 08 | 8,100 | 14.99 |
| 1940 | Aug. 16 | 20,600 | 17.60 | 1952 | Mar. 10 | 15,000 | 16.60 | 1963 | Jan. 21 | 9,100 | 15.32 |
| 1941 | July 19 | 2,880 | 12.20 | 1953 | May 02 | 12,500 | 16.10 | 1964 | May 03 | 10,700 | 15.63 |
| 1942 | Mar. 24 | 13,000 | 16.20 | 1954 | Jan. 18 | 2,120 | 11.40 | 1965 | Dec. 27 | 13,000 | 16.20 |
| 1943 | Mar. 24 | 9,500 | 15.40 | 1955 | Apr. 13 | 4,030 | 13.20 | 1966 | Mar. 04 | 8,100 | 15.04 |
| 1944 | Mar. 24 | 16,500 | 16.90 | 1956 | Mar. 23 | 6,600 | 14.50 | 1971 | Mar. 07 | 20,000 | --c |
| 1945 | Feb. 28 | 1,650 | 10.60 | 1957 | Apr. 05 | 2,950 | 12.30 | 1980 | Mar. 14 | 11,000 | 15.77c |
| 1946 | Dec. 30 | 4,030 | 13.20 | | | | | | | | |

## 02200900 BIG CREEK NEAR LOUISVILLE, GEORGIA

LOCATION.--Lat 32°59'00", long 82°21'23", Jefferson County, at State Highway 17, about 3.2 mi southeast of Louisville.
DRAINAGE AREA.--95.8 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 210.2 ft above sea level (from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,160 $ft^3/s$. Bankful stage and discharge, 5 ft and 640 $ft^3/s$..

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | July 00 | 328 | 4.00 | 1960 | Apr. 04 | 735 | 5.27 | 1969 | Aug. 23 | 336 | 4.18 |
| 1952 | Mar. 03 | 472 | 4.63 | 1961 | Apr. 16 | 812 | 5.42 | 1970 | Mar. 30 | 860 | 5.47 |
| 1953 | May 02 | 448 | 4.53 | 1962 | Mar. 12 | 705 | 5.21 | 1971 | Mar. 03 | 2,160 | 6.42 |
| 1954 | May 13 | 261 | 3.66 | 1963 | Oct. 05 | 508 | 4.76 | 1972 | Jan. 11 | 902 | 5.44 |
| 1955 | Apr. 14 | 690 | 5.18 | 1964 | May 03 | 1,370 | 5.92 | 1973 | Apr. 08 | 990 | 5.55 |
| 1956 | Mar. 16 | 548 | 4.96 | 1965 | July 30 | 1,590 | 6.09 | 1974 | Feb. 17 | 642 | 5.02 |
| 1957 | Dec. 23 | 370 | 4.19 | 1966 | Mar. 04 | 1,550 | 6.06 | 1975 | Apr. 15 | 1,010 | 5.58 |
| 1958 | July 07 | 548 | 4.93 | 1967 | May 23 | 1,560 | 6.07 | 1976 | Mar. 16 | 472 | 4.66 |
| 1959 | May 31 | 318 | 4.09 | 1968 | Jan. 04 | 170 | 3.11 | 1980 | Mar. 14 | 1,680 | 6.16c |

## 02200930 SPRING CREEK NEAR LOUISVILLE, GEORGIA
(Formerly published as "Ogeechee River Tributary near Louisville, Georgia")

LOCATION.--Lat 32°55'20", long 82°18'49", Jefferson County, at culvert on State Highway 17, 8.5 mi southeast of Louisville.
DRAINAGE AREA.--14.2 $mi^2$.
GAGE.--Flood-stage recorder pirior to Dec. 30, 1969; flood-stage/rainfall recorder Dec. 30, 1969 to Sept. 30, 1975; crest-stage gage thereafter. Datum of gage is about 210 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 136 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flood of 1980 was highest since 1961, based on comparison with nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Feb. 17 | 273 | 4.42 | 1974 | Jan. 29 | 155 | 3.28 | 1983 | Mar. 06 | 910 | 6.70 |
| 1966 | Mar. 04 | 870 | 6.70 | 1975 | Apr. 14 | 190 | 3.70 | 1984 | Mar. 25 | 258 | 4.31 |
| 1967 | May 22 | 120 | 2.78 | 1976 | July 20 | 198 | 3.78 | 1985 | Mar. -- | 90.0 | --b |
| 1968 | May 00 | 90.0 | --b | 1977 | Mar. 21 | 308 | 4.68 | 1986 | Nov. 22 | 171 | 3.86 |
| 1969 | May 15 | 198 | 3.78 | 1978 | Jan. 26 | 386 | 5.13 | 1987 | Feb. 27 | 398 | 5.59 |
| 1970 | Mar. 31 | 264 | 4.35 | 1979 | Apr. 25 | 342 | 4.90 | 1988 | Apr. 19 | 103 | 3.00 |
| 1971 | May 13 | 142 | 3.10 | 1980 | Mar. 13 | 1,130 | 7.35 | 1989 | Apr. -- | 92.0 | --b |
| 1972 | Jan. 14 | 472 | 5.55 | 1981 | May 00 | 90.0 | -- | 1990 | Oct. 02 | 182 | 3.80 |
| 1973 | Feb. 02 | 280 | 4.48 | 1982 | Jan. 01 | 122 | 2.82 | | | | |

## 02200950 OGEECHEE RIVER NEAR WADLEY, GEORGIA

LOCATION.--Lat 32°52'11", long 82°19'11", Jefferson County, at bridge on State Highway 78, 4.5 mi east of Wadley.
DRAINAGE AREA.--990 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is about 180 ft (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 25,000 $ft^3/s$.
REMARKS.--Flood stage of 1961 provided by Georgia Department of Transportation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 13,800 | 13.70c | 1976 | Mar. 19 | 7,540 | 11.81 | 1982 | Jan. 04 | 6,380 | 11.31 |
| 1970 | Apr. 03 | 7,280 | 11.70 | 1977 | Mar. 26 | 7,500 | 11.79 | 1983 | Apr. 11 | 9,890 | 12.63 |
| 1971 | Mar. 07 | 24,200 | 16.25 | 1978 | Jan. 26 | 10,800 | 12.93 | 1984 | -- | 4,200 | --b |
| 1972 | Jan. 18 | 8,660 | 12.22 | 1979 | Mar. 01 | 13,800 | 13.69 | 1985 | Feb. 09 | 9,530 | 12.51 |
| 1973 | Apr. 10 | 8,180 | 12.06 | 1980 | Mar. 15 | 12,800 | 13.46 | 1986 | -- | 4,200 | --b |
| 1974 | Apr. 12 | 5,460 | 11.88 | 1981 | Feb. 13 | 7,110 | 11.63 | 1987 | Jan. 20 | 7,520 | 11.80 |
| 1975 | Apr. 14 | 9,230 | 12.41 | | | | | | | | |

## 02201000 WILLIAMSON SWAMP CREEK AT DAVISBORO, GEORGIA

LOCATION.--Lat 32°58'32", long 82°36'36", Washington County, at bridge on State Highway 231 at Davisboro.
DRAINAGE AREA.--109 $mi^2$.
GAGE.--Water-stage recorder; from Aug. 16, 1978 to May 8, 1980. Crest-stage gage at same site and datum. Datum of gage is 263.00 ft from high water mark (from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,300 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--Flood stage of 1929, 1966, and 1977 are based on information provided by local residents. Peak discharges for 1929, 1966, and 1977 are estimates.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Sept.29 | 14,000 | 15.00c | 1981 | Feb. 12 | 698 | 7.75 | 1986 | Nov. 23 | 2,270 | 9.92 |
| 1966 | Mar. 04 | 5,000 | 11.80c | 1982 | Feb. 04 | 1,540 | 9.02 | 1987 | Jan. 19 | 2,730 | 10.43 |
| 1977 | Mar. 21 | 4,600 | 11.60c | 1983 | Feb. 15 | 1,290 | 8.91 | 1988 | Apr. 27 | 228 | 5.52 |
| 1979 | Feb. 25 | 2,300 | 9.94 | 1984 | Feb. 28 | 935 | 8.20 | 1989 | Mar. 24 | 414 | 6.64 |
| 1980 | Mar. 13 | 3,430 | 11.13 | 1985 | Feb. 06 | 726 | 7.86 | 1990 | Oct. 02 | 977 | 8.27 |

## 02201110 NAILS CREEK NEAR BARTOW, GEORGIA
(Formerly published as "Gray Coat Creek near Bartow, Georgia")

LOCATION.--Lat 32°52'25", long 82°26'34", Jefferson County, at culvert on U.S. Highway 319, 1.8 mi east of Bartow.
DRAINAGE AREA.--8.36 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 236 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 567 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Dec. 26 | 242 | 2.76 | 1969 | Aug. 23 | 242 | 2.76 | 1972 | Jan. 14 | 654 | 4.21 |
| 1966 | Mar. 04 | 625 | 3.91 | 1970 | Mar. 31 | 252 | 2.81 | 1973 | Feb. 02 | 565 | 4.41 |
| 1967 | Aug. 21 | 102 | 1.91 | 1971 | July 01 | 350 | 3.26 | 1974 | Feb. 07 | 355 | 3.67 |
| 1968 | Jan. 10 | 97 | 1.86 | | | | | | | | |

## 02201160 BOGGY GUT CREEK NEAR WADLEY, GEORGIA

LOCATION.--Lat 32°53'42", long 82°24'02", Jefferson County, at culvert on U.S. Highway 1, 2 mi south of Wadley.
DRAINAGE AREA.--7.05 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 200 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 200 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Dec. 26 | 394 | 5.17 | 1969 | May 15 | 202 | 4.36 | 1972 | Jan. 13 | 773 | 6.56 |
| 1966 | Mar. 04 | 1,130 | 7.66 | 1970 | Aug. 08 | 1,800 | 10.04 | 1973 | Feb. 02 | 905 | 7.00 |
| 1967 | Feb. 07 | 143 | 4.02 | 1971 | Apr. 24 | 347 | 4.91 | 1974 | Apr. 09 | 478 | 5.51 |
| 1968 | Jan. 10 | 47 | 3.11 | | | | | | | | |

## 02201250 SEALS CREEK TRIBUTARY NEAR MIDVILLE, GEORGIA
(Formerly published as "Ogeechee River Tributary No. 2 Near Midville, Georgia")

LOCATION.--Lat 32°51'04", long 82°13'58", Burke County, at culvert on State Highway 305, 2.2 mi north of Midville.
DRAINAGE AREA.--0.99 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 230 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 43 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | July 31 | 82.0 | 2.44 | 1968 | May. --b | 32.0 | -- | 1972 | Jan. 14 | 42.0 | 1.74 |
| 1965 | Feb. 17 | 28.0 | 1.45 | 1969 | May. 18 | 56.0 | 1.99 | 1973 | Feb. 02 | 62.0 | 2.09 |
| 1966 | Mar. 04 | 52.0 | 1.92 | 1970 | Aug. 08 | 65.0 | 2.15 | 1974 | Nov. -- | 32.0 | --b |
| 1967 | Feb. 07 | 32.0 | --b | 1971 | Jan. --b | 32.0 | -- | | | | |

## 02201350 BUCKHEAD CREEK NEAR WAYNESBORO, GEORGIA

LOCATION.--Lat 32°58'21", long 82°07'15", Burke County, at State Highway 56, 10 mi southwest of Waynesboro.
DRAINAGE AREA.--64 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 198.58 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,000 $ft^3/s$, and extended above on basis of slope-conveyance studies. Bankfull state and discharge, 6 ft and 800 $ft^3/s$.
REMARKS.--Flood stage of 1929 provided by Georgia Department of Transportation. Peak discharge for 1929 flood is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | July 00 | 9,000 | 11.60c | 1970 | Mar. 31 | 1,550 | 6.61 | 1977 | Mar. 21 | 1,040 | 6.12 |
| 1963 | Jan. 22 | 880 | 6.18 | 1971 | Mar. 15 | 595 | 5.43 | 1978 | Jan. 26 | 2,010 | 6.95 |
| 1964 | Mar. 08 | 1,140 | 6.52 | 1972 | Jan. 14 | 2,040 | 6.97 | 1979 | Feb. 27 | 1,870 | 6.81 |
| 1965 | Feb. 18 | 1,140 | 6.49 | 1973 | Feb. 03 | 1,490 | 6.56 | 1980 | Mar. 13 | 2,980 | 7.62 |
| 1966 | Mar. 05 | 3,550 | 8.20 | 1974 | Feb. 17 | 897 | 5.94 | 1981 | Apr. 01 | 508 | 5.22 |
| 1967 | Feb. 08 | 424 | 5.01 | 1975 | Feb. 20 | 1,250 | 6.35 | 1982 | Jan. 02 | 605 | 5.05 |
| 1968 | Dec. 28 | 292 | 4.68 | 1976 | Mar. 16 | 496 | 5.19 | 1983 | Mar. 07 | 2,950 | 7.60 |
| 1969 | May 19 | 728 | 5.68 | | | | | | | | |

## 02201800 RICHARDSON CREEK NEAR MILLEN, GEORGIA

LOCATION.--Lat 32°43'23", long 81°58'35", Jenkins County, at State Highway 67, 6 mi southwest of Millen.
DRAINAGE AREA.--43 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is about 140 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,800 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 4 ft and 400 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | Oct. 05 | 1,880 | 5.69 | 1970 | Apr. 01 | 655 | 4.47 | 1977 | Oct. 09 | 480 | 4.14 |
| 1964 | Sept.01 | 1,480 | 5.45 | 1971 | Aug. 16 | 605 | 4.39 | 1978 | Jan. 26 | 998 | 4.91 |
| 1965 | Feb. 18 | 1,070 | 5.01 | 1972 | Dec. 03 | 346 | 3.84 | 1979 | Feb. 26 | 1,120 | 5.05 |
| 1966 | Mar. 05 | 678 | 4.51 | 1973 | Feb. 03 | 505 | 4.19 | 1980 | Mar. 13 | 2,400 | 6.04 |
| 1967 | Jan. 03 | 694 | 4.53 | 1974 | Feb. 09 | 294 | 3.68 | 1981 | Apr. 01 | 195 | 3.32 |
| 1968 | Aug. 01 | 276 | 3.62 | 1975 | July 15 | 1,410 | 5.34 | 1982 | Apr. 26 | 249 | 3.53 |
| 1969 | May 19 | 490 | 4.16 | 1976 | July 20 | 342 | 3.83 | 1983 | Feb. 14 | 610 | 4.41 |

## 02201830 SCULLS CREEK NEAR MILLEN, GEORGIA

(Formerly published as "Hooker Branch Tributary near Millen, Georgia"

LOCATION.--Lat 32°39'34", long 81°59'29", Jenkins County, at culvert on State Highway 121, 11 mi southwest of Millen.
DRAINAGE AREA.--4.38 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 180 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 150 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Feb. 17 | 156 | 3.16 | 1969 | May 15 | 164 | 3.21 | 1973 | June 20 | 184 | 3.31 |
| 1966 | May 25 | 278 | 3.73 | 1970 | Mar. 22 | 144 | 3.11 | 1974 | Feb. 07 | 94 | 2.91 |
| 1967 | July 08 | 239 | 3.56 | 1971 | June 17 | 228 | 3.51 | 1975 | July 15 | 195 | 3.36 |
| 1968 | Aug. 09 | 138 | 3.06 | 1972 | Dec. 03 | 94 | 2.86 | | | | |

## 02202000 OGEECHEE RIVER AT SCARBORO, GEORGIA

LOCATION.--Lat 32°42'38", long 81°52'46", Jenkins County, at abandoned highway bridge at Scarboro, and 7.5 mi southeast of Millen.
DRAINAGE AREA.--1,940 $mi^2$.
GAGE.--Nonrecording prior to Dec. 18, 1941; recording Dec. 18, 1941 to June 30, 1971; crest-stage gage thereafter. Datum of gage is 111.81 ft above sea level (levels from U.S. Army Corps of Engineers), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 25,000 $ft^3/s$, and extended above on basis of conveyance studies. Bankfull stage and discharge, 6.5 ft and 2,000 $ft^3/s$.
HISTORICAL DATA.--Flood stages of January 1925 and October 1929, from information furnished by Mr. T.F. Yarbrough, agent for Central of Georgia Railroad Company during the period 1912-1942. The October 1929 flood was the great flood of memory dating back to about 1840, based on information from the oldest residents of the area.
REMARKS.--Peak discharge for 1925, 1930, 1954, and 1983 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. -- | 56,000 | 15.90c | 1954 | Oct. 02 | 3,600 | -- | 1973 | Feb. 05 | 16,600 | 10.74 |
| 1930 | Oct. -- | 75,000 | 17.00c | 1955 | Apr. 19 | 6,110 | 8.97 | 1974 | Apr. 13 | 9,000 | 9.50 |
| 1937 | May 06 | 12,900 | 10.71 | 1956 | Mar. 24 | 7,310 | 9.34 | 1975 | Feb. 25 | 16,200 | 10.67 |
| 1938 | Apr. 14 | 11,600 | 10.38 | 1957 | Apr. 06 | 3,220 | 7.74 | 1976 | Mar. 24 | 7,720 | 9.18 |
| 1939 | Mar. 05 | 20,600 | 12.12 | 1958 | Apr. 23 | 7,800 | 9.48 | 1977 | Mar. 26 | 11,500 | 9.96 |
| 1940 | Aug. 17 | 24,600 | 12.80 | 1959 | Mar. 11 | 6,690 | 9.14 | 1978 | Jan. 28 | 17,300 | 10.85 |
| 1941 | July 24 | 6,320 | 8.90 | 1960 | Apr. 07 | 19,400 | 11.90 | 1979 | Mar. 02 | 18,000 | 10.96 |
| 1942 | Mar. 28 | 14,000 | 10.90 | 1961 | Apr. 18 | 17,700 | 11.60 | 1980 | Mar. 15 | 27,900 | 12.44 |
| 1943 | Mar. 28 | 11,900 | 10.50 | 1962 | Mar. 15 | 12,900 | 10.70 | 1981 | Feb. 20 | 6,600 | 8.90 |
| 1944 | Mar. 27 | 24,600 | 12.80 | 1963 | Jan. 27 | 11,900 | 10.51 | 1982 | Jan. 07 | 8,320 | 9.33 |
| 1945 | Feb. 26 | 3,030 | 7.64 | 1964 | Apr. 13 | 13,400 | 10.79 | 1983 | Apr. 14 | 10,000 | -- |
| 1946 | Jan. 20 | 6,540 | 9.08 | 1965 | Jan. 02 | 14,000 | 10.93 | 1984 | Mar. 08 | 6,560 | 8.89 |
| 1947 | Mar. 11 | 9,450 | 9.95 | 1966 | Mar. 07 | 25,400 | 12.11 | 1985 | Feb. 13 | 8,600 | 9.40 |
| 1948 | Apr. 04 | 15,500 | 11.20 | 1967 | Mar. 20 | 6,080 | 8.57 | 1986 | Dec. 17 | 8,200 | 9.30 |
| 1949 | Dec. 05 | 15,500 | 11.20 | 1968 | Jan. 20 | 4,450 | 8.05 | 1987 | Jan. 25 | 16,500 | 10.71 |
| 1950 | Mar. 19 | 2,430 | 7.26 | 1969 | May 22 | 8,100 | 9.02 | 1988 | Apr. 30 | 2,700 | 7.13 |
| 1951 | Apr. 03 | 3,740 | 8.00 | 1970 | Apr. 03 | 12,300 | 10.10 | 1989 | Apr. 19 | 5,030 | 8.39 |
| 1952 | Mar. 11 | 11,000 | 10.32 | 1971 | Mar. 08 | 25,700 | 12.13 | 1990 | Oct. 09 | 5,620 | 8.62 |
| 1953 | May 09 | 14,400 | 11.00 | 1972 | Jan. 18 | 15,000 | 10.50 | | | | |

## 02202300 MILL CREEK NEAR STATESBORO, GEORGIA

LOCATION.--Lat 32°28'28", long 81°45'17", Bulloch County, at State Highway 73, 2.2 mi northeast of Statesboro.
DRAINAGE AREA.--39 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is about 140 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 800 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 4 ft and 400 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | June 26 | 790 | 4.56 | 1967 | Jan. 03 | 417 | 4.07 | 1971 | June 19 | 562 | 4.31 |
| 1964 | Sept.01 | 970 | 4.81 | 1968 | Aug. -- | 100 | --b | 1972 | Feb. 03 | 576 | 4.33 |
| 1965 | Feb. 18 | 880 | 4.66 | 1969 | May 20 | 934 | 4.76 | 1973 | Apr. 02 | 835 | 4.52 |
| 1966 | Mar. 05 | 844 | 4.66 | 1970 | Mar. 31 | 1,000 | 4.86 | 1974 | Feb. 17 | 375 | 3.87 |

## 02202500 OGEECHEE CREEK NEAR EDEN, GEORGIA

LOCATION.--Lat 32°11'29", long 81°24'58", Effingham County, on right bank 600 ft downstream from Jenks bridge on U.S. Highways 25, 80, and 280, and State Highway 26, 2 mi upstream from Seaboard Coast Line Railroad bridge, 3 mi upstream from Black Creek, and 2 mi west of Eden.
DRAINAGE AREA.--2,650 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 19.64 ft above sea level (levels from U.S. Army Corps of Engineers), supplementary adjustment of 1936. Prior to Oct. 1, 1939, nonrecording gage at site 600 ft upstream at same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 25,000 $ft^3/s$, and estimated above, based on conveyance studies. Bankfull stage and discharge, 9 ft and 5,200 $ft^3/s$. Above a gage height of 17.4 ft, the stage-discharge relation is indefinite as part of the Ogeechee River flow crosses the divide into the Little Ogeechee River.
HISTORICAL DATA.--Flood stage of 1898 from information furnished by the Georgia Department of Transportation. Flood stages of January 1925, August 1928, March 1929, October 1929, and March 1936, from information furnished by the Central of Georgia Railway Company and the U.S. Army Corps of Engineers. The flood of October 1929 was the highest known since at least 1840 from information provided by the Central of Georgia Railway Company.
REMARKS.--Peaks discharges for 1925 and 1930 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1898 | June 00 | 36,000 | 15.90c | 1951 | Apr. 03 | 5,000 | 8.90 | 1971 | Mar. 13 | 23,000 | 13.61 |
| 1925 | Jan. -- | 70,000 | 19.50c | 1952 | Mar. 16 | 12,000 | 11.60 | 1972 | Jan. 22 | 15,400 | 12.08 |
| 1928 | Aug. -- | 17,800 | 12.80c | 1953 | May 14 | 15,600 | 12.40 | 1973 | Feb. 10 | 16,500 | 12.30 |
| 1929 | Mar. -- | 25,000 | 14.30c | 1954 | Jan. 01 | 5,180 | 9.00 | 1974 | Feb. 25 | 10,300 | 10.87 |
| 1930 | Oct. -- | 78,000 | 20.00c | 1955 | Apr. 24 | 6,100 | 9.50 | 1975 | Feb. 28 | 17,100 | 12.42 |
| 1936 | Mar. 14 | 30,000 | 15.20c | 1956 | Mar. 30 | 6,700 | 9.80 | 1976 | Mar. 29 | 7,230 | 9.91 |
| 1937 | May 11 | 11,400 | 11.55 | 1957 | Apr. 13 | 3,920 | 8.20 | 1977 | Mar. 30 | 12,800 | 11.49 |
| 1938 | Apr. 19 | 10,800 | 11.52 | 1958 | Mar. 14 | 9,200 | 10.60 | 1978 | Feb. 02 | 17,200 | 12.45 |
| 1939 | Mar. 09 | 23,700 | 14.20 | 1959 | Mar. 09 | 7,850 | 10.40 | 1979 | Mar. 06 | 18,000 | 12.59 |
| 1940 | Aug. 23 | 20,200 | 13.80 | 1960 | Apr. 10 | 24,000 | 14.00 | 1980 | Mar. 19 | 28,800 | 14.77 |
| 1941 | July 30 | 5,700 | 9.30 | 1961 | Apr. 22 | 21,200 | 13.40 | 1981 | Feb. 27 | 5,420 | 9.11 |
| 1942 | Apr. 01 | 13,100 | 12.20 | 1962 | Mar. 19 | 13,700 | 12.12 | 1982 | Jan. 14 | 8,760 | 10.42 |
| 1943 | Apr. 01 | 10,700 | 11.50 | 1963 | Feb. 01 | 11,600 | 11.53 | 1983 | Apr. 20 | 12,100 | 11.33 |
| 1944 | Mar. 31 | 26,300 | 14.70 | 1964 | Apr. 18 | 14,600 | 11.86 | 1984 | Mar. 09 | 10,900 | 11.02 |
| 1945 | Mar. 04 | 3,980 | 8.14 | 1965 | Feb. 23 | 17,800 | 12.41 | 1985 | Feb. 19 | 7,160 | 10.02 |
| 1946 | Jan. 26 | 7,620 | 10.30 | 1966 | Mar. 11 | 25,200 | 14.05 | 1986 | Dec. 20 | 10,800 | 11.01 |
| 1947 | Mar. 19 | 14,200 | 12.10 | 1967 | Jan. 17 | 6,720 | 9.71 | 1987 | Jan. 28 | 19,300 | 12.87 |
| 1948 | Apr. 03 | 20,900 | 13.30 | 1968 | Jan. 27 | 4,010 | 8.22 | 1988 | Apr. 29 | 3,330 | 7.84 |
| 1949 | Dec. 10 | 17,800 | 12.80 | 1969 | Sept.05 | 8,520 | 10.34 | 1989 | Apr. 25 | 5,670 | 9.40 |
| 1950 | Sept.10 | 3,800 | 8.10 | 1970 | Apr. 07 | 13,600 | 11.71 | 1990 | Jan. 10 | 9,430 | 10.94 |

## 02202600 BLACK CREEK NEAR BLICHTON, GEORGIA

LOCATION.--Lat 32°10'04", long 81°29'18", Bryan County, at bridge on U.S. Highway 280 (State Highway 30), 4.2 mi upstream from Mill Creek, and 5.8 mi southwest of Blichton.
DRAINAGE AREA.--232 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 30 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 4,600 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1980 | Mar. 15 | 1,590 | 9.98 | 1984 | Mar. 08 | 4,540 | 12.32 | 1988 | Sept.20 | 1,090 | 8.98 |
| 1981 | Apr. 06 | 290 | 6.75 | 1985 | Sept. 03 | 808 | 8.59 | 1989 | Sept.24 | 2,600 | 10.92 |
| 1982 | Feb. 17 | 968 | 8.93 | 1986 | Mar. 17 | 1,020 | 8.84 | 1990 | Jan. 09 | 5,620 | 12.91 |
| 1983 | Feb. 17 | 2,260 | 10.51 | 1987 | Jan. 24 | 3,340 | 11.52 | | | | |

## 02202605 MILL CREEK NEAR PEMBROKE, GEORGIA

LOCATION.--Lat 32°09'39", long 81°36'15", Bryan County, at culvert on State Highway 119, near Pembroke.
DRAINAGE AREA.--5.39 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Sept. 9, 1986. Crest-stage gage thereafter.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 113 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Sept. 04 | 178 | 3.48 | 1983 | Mar. 17 | 129 | 2.44 | 1987 | Jan. 01 | 160 | 2.85 |
| 1980 | Mar. 13 | 158 | 2.79 | 1984 | Jan. 27 | 154 | 2.70 | 1988 | Aug. 30 | 161 | 2.89 |
| 1981 | June 12 | 95 | 2.09 | 1985 | Aug. 31 | 24 | 1.17 | 1989 | Sept.21 | 136 | 2.51 |
| 1982 | July 12 | 104 | 2.19 | 1986 | Feb. 11 | 187 | 4.16 | 1990 | Dec. 08 | 141 | 2.50 |

## 02202800 CANOOCHEE CREEK NEAR SWAINSBORO, GEORGIA

LOCATION.--Lat 32°36'19", long 82°15'21", Emanuel County, at U.S. Highway 80, 4.8 mi east of Swainsboro.
DRAINAGE AREA.--46 $mi^2$, approximately (revised).
GAGE.--Crest-stage gage. Datum of gage is about 210 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,400 $ft^3/s$, and extended above on basis of slope-conveyance studies.
REMARKS.--Flood stage of October 1929 from information furnished by the Georgia Department of Transportation. Peak discharge for 1929 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Sept. 0 | 2,820 | 9.40c | 1960 | Apr. 05 | 1,440 | 7.04 | 1969 | Sept.01 | 1,220 | 6.77 |
| 1951 | Apr. 01 | 368 | 4.66 | 1961 | Apr. 16 | 1,020 | 6.43 | 1970 | Mar. 31 | 990 | 6.39 |
| 1952 | Feb. 20 | 570 | 5.39 | 1962 | Mar. 12 | 680 | 5.70 | 1971 | Mar. 26 | 1,040 | 6.48 |
| 1953 | Sept.27 | 1,360 | 6.94 | 1963 | Oct. 07 | 1,220 | 6.77 | 1972 | Jan. 12 | 644 | 5.61 |
| 1954 | Jan. 01 | 385 | 4.70 | 1964 | Feb. 18 | 760 | 5.88 | 1973 | Feb. 03 | 1,260 | 7.13 |
| 1955 | Apr. 15 | 780 | 5.93 | 1965 | Feb. 18 | 1,250 | 6.82 | 1974 | Feb. 17 | 376 | 4.67 |
| 1956 | Feb. 06 | 350 | 4.58 | 1966 | Mar. 05 | 940 | 6.28 | 1975 | July 30 | 938 | 6.47 |
| 1957 | June 00 | 472 | 5.05 | 1967 | Jan. 03 | 600 | 5.50 | 1976 | Mar. 16 | 330 | 4.48 |
| 1958 | Oct. 04 | 540 | 5.30 | 1968 | Dec. -- | 235 | --b | 1980 | Mar. 13 | 2,000 | 7.94c |
| 1959 | Mar. 08 | 680 | 5.71 | | | | | | | | |

## 02202810 HUGHES PRONG TO CANOOCHEE CREEK NEAR SWAINSBORO, GEORGIA
(Formerly published as "Rock Creek near Swainsboro, Georgia")

LOCATION.--Lat 32°37'29", long 82°19'04", Emanuel County, at culvert on State Highway 56, 2 mi north of Swainsboro.
DRAINAGE AREA.--5.05 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 249 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 190 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flood stage of October 1929 from information furnished by the Georgia Department of Transportation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1930 | Oct. 03 | 1,000 | 5.60c | 1969 | May 19 | 92.0 | 2.72 | 1973 | Feb. 02 | 207 | 3.35 |
| 1965 | Feb. 17 | 188 | 3.25 | 1970 | Mar. 22 | 182 | 3.22 | 1974 | Feb. 16 | 89.0 | 2.70 |
| 1966 | Mar. 03 | 153 | 3.07 | 1971 | Mar. 03 | 178 | 3.20 | 1975 | July 15 | 170 | 3.16 |
| 1967 | Jan. 01 | 182 | 3.22 | 1972 | Dec. 03 | 168 | 3.15 | 1980 | Mar. 18 | 380 | 4.00c |
| 1968 | Jan. -- | 26.0 | --b | | | | | | | | |

## 02202820 REEDY CREEK NEAR TWIN CITY, GEORGIA

LOCATION.--Lat 32°35'40", long 82°12'23", Emanuel County, at culvert on U.S. Highway 80, 2.5 mi west of Twin City.
DRAINAGE AREA.--9.36 $mi^2$ (revised).
GAGE.--Water-stage/rainfall recorder. Piror to Nov. 17, 1967, flood-stage recorder; Nov. 17, 1967 to Sept. 9, 1970, flood-stage/rainfall recorder. Datum of gage is about 220 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 220 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flood stage of 1929 based on information from the Georgia Department of Transportation. Discharge for 1974 is estimated from nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1930 | Oct. 03 | 1,830 | 7.70c | 1968 | July 10 | 47.0 | 1.72 | 1972 | Dec. 03 | 180 | 2.75 |
| 1965 | Feb. 17 | 315 | 3.39 | 1969 | Sept. 19 | 228 | 2.99 | 1973 | Feb. 02 | 194 | 3.12 |
| 1966 | Mar. 03 | 270 | 3.19 | 1970 | Mar. 21 | 388 | 3.69 | 1974 | Feb. 16 | 166 | 2.98 |
| 1967 | Jan. 02 | 281 | 3.24 | 1971 | Mar. 03 | 341 | 3.50 | 1980 | Mar. 13 | 1,180 | 5.79c |

## 02202850 REEDY BRANCH NEAR METTER, GEORGIA

LOCATION.--Lat 32°28'43", long 82°07'45", Candler County, at culvert on State Highway 23, 7.5 mi northwest of Metter.
DRAINAGE AREA.--3.41 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 210 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 170 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Feb. 17 | 132 | 5.89 | 1969 | June 04 | 188 | 6.24 | 1973 | June 22 | 257 | 6.69 |
| 1966 | May 25 | 278 | 6.74 | 1970 | Aug. 24 | 242 | 6.54 | 1974 | Feb. 08 | 179 | 6.19 |
| 1967 | Aug. 11 | 185 | 6.22 | 1971 | Mar. 03 | 134 | 5.94 | 1980 | Mar. 13 | 208 | 6.35c |
| 1968 | Jan. -- | 25.0 | --b | 1972 | Feb. 01 | 127 | 5.00 | | | | |

## 02202865 CANOOCHEE RIVER NEAR METTER, GEORGIA

LOCATION.--Lat 32°21'20", long 82°05'25", Candler County, at bridge on State Highways 121 and 23, 5 mi south of Metter.
DRAINAGE AREA.--202 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 202 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,100 $ft^3/s$, and extended above on basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1970 | Apr. 01 | 2,400 | 10.43 | 1976 | June 22 | 930 | 8.90 | 1982 | June 05 | 1,310 | 9.39 |
| 1971 | Mar. 26 | 2,880 | 10.75 | 1977 | Oct. 20 | 1,760 | 9.76 | 1983 | Feb. 16 | 2,440 | 10.46 |
| 1972 | Feb. 03 | 1,970 | 10.07 | 1978 | Jan. 26 | 3,420 | 11.06 | 1984 | Mar. 07 | 1,380 | 9.48 |
| 1973 | Feb. 04 | 2,040 | 10.14 | 1979 | Feb. 27 | 3,900 | 11.30 | 1985 | Feb. -- | 900 | --b |
| 1974 | Feb. 17 | 1,490 | 9.59 | 1980 | Mar. 15 | 4,220 | 11.46 | 1986 | Dec. 14 | 3,740 | 11.22 |
| 1975 | May 03 | 2,380 | 10.42 | 1981 | Feb. 19 | 600 | 8.15 | | | | |

## 02202900 FIFTEEN MILE CREEK NEAR METTER, GEORGIA

LOCATION.--Lat 32°23'33", long 82°00'55", Candler County, at State Highway 46, 2.5 mi east of Metter.
DRAINAGE AREA.--147 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 150 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,600 $ft^3/s$. Bankfull stage and discharge, 5.0 ft and 920 $ft^3/s$.
REMARKS.--Flood stage of May 1966 is highest since 1948, based on comparison with nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | Oct. 07 | 1,680 | 6.07 | 1970 | Mar. 31 | 1,660 | 6.08 | 1977 | Mar. 04 | 1,090 | 5.28 |
| 1964 | Feb. 21 | 2,120 | 6.50 | 1971 | Mar. 26 | 2,270 | 6.62 | 1978 | Jan. 26 | 2,120 | 6.50 |
| 1965 | Feb. 18 | 2,010 | 6.35 | 1972 | Feb. 03 | 1,440 | 5.82 | 1979 | Feb. 25 | 1,920 | 6.32 |
| 1966 | May 25 | 6,400 | 8.96 | 1973 | Apr. 02 | 1,400 | 5.76 | 1980 | Mar. 15 | 2,890 | 7.06 |
| 1967 | Jan. 03 | 1,170 | 5.41 | 1974 | Feb. 17 | 1,310 | 5.63 | 1981 | Apr. 03 | 527 | 4.02 |
| 1968 | May 00 | 492 | --b | 1975 | July 16 | 3,300 | 7.33 | 1982 | Apr. 28 | 741 | 4.59 |
| 1969 | May 20 | 2,200 | 6.57 | 1976 | June 21 | 769 | 4.66 | 1983 | Feb. 19 | 1,620 | 6.04 |

## 02202910 TEN MILE CREEK TRIBUTARY AT PULAKSI, GEORGIA

LOCATION.--Lat 32°23'18", long 81°58'17", Candler County, at culvert on State Highway 46, 0.8 mi west of Pulaski.
DRAINAGE AREA.--1.14 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to 1975. Crest-stage gage thereafter. Datum of gage is about 200 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 60 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flood stage of May 1966 is highest since 1948, based on comparison with nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 23 | 147 | 4.54 | 1973 | Apr. 07 | 84 | 3.72 | 1981 | Apr. 02 | 47 | 3.21 |
| 1966 | May 25 | 599 | 7.67 | 1974 | Feb. 16 | 39 | 3.09 | 1982 | June 04 | 131 | 4.23 |
| 1967 | Aug. 30 | 275 | 5.42 | 1975 | Feb. 14 | 88 | 3.77 | 1983 | Feb. 14 | 68 | 3.52 |
| 1968 | May 00 | 18.0 | --b | 1976 | June 21 | 241 | 5.16 | 1984 | May 03 | 189 | 4.74 |
| 1969 | Sept. 02 | 281 | 5.47 | 1977 | Mar. 04 | 107 | 3.99 | 1985 | Feb. -- | 18 | --b |
| 1970 | Mar. 22 | 41 | 3.12 | 1978 | Jan. 25 | 120 | 4.12 | 1986 | Dec. 13 | 277 | 5.44 |
| 1971 | Apr. 23 | 61 | 3.42 | 1979 | Sept.26 | 66 | 3.48 | 1987 | Mar. 01 | 116 | 4.08 |
| 1972 | Dec. 10 | 56 | 3.35 | 1980 | Mar. 13 | 61 | 3.42 | | | | |

## 02202950 CYPRESS FLAT CREEK TRIBUTARY NEAR COLLINS, GEORGIA

LOCATION.--Lat 32°13'09", long 82°07'14", Tattnall County, at culvert on State Highways 23, 212, and 57, 3 mi north of Collins.
DRAINAGE AREA.--1.39 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 200 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 90 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Oct. 04 | 308 | 3.92 | 1969 | May 19 | 105 | 2.06 | 1973 | June 08 | 120 | 2.31 |
| 1966 | Mar. 03 | 201 | 2.99 | 1970 | Mar. 22 | 101 | 2.01 | 1974 | Feb. 07 | 73 | 1.91 |
| 1967 | Aug. 30 | 283 | 3.71 | 1971 | Sept. 19 | 61 | 1.51 | 1980 | Mar. 13 | 143 | 2.49c |
| 1968 | May 00 | 24 | --b | 1972 | Dec. 03 | 102 | 2.15 | | | | |

## 02203000 CANOOCHEE RIVER NEAR CLAXTON, GEORGIA

LOCATION.--Lat 32°11'05", long 81°53'20", Evans County, on right bank 400 ft upstream from bridge on State Highway 73, 2 mi northeast of Claxton, and 10 mi upstream from Lotts Creek.
DRAINAGE AREA.--555 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 80.5 ft above sea level (levels from Georgia Department of Transportation). Prior to Oct. 20, 1949, nonrecording gage at same site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 11,600 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and discharge, 9 ft and 1,500 $ft^3/s$.
REMARKS.--Flood stage of January 1925 and October 1929, based on information furnished by Georgia Department of Transportation. Flood stage of 1925 is highest since 1840, based on comparison with nearby stations. Peak discharges for 1925 and 1930 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. -- | 20,500 | 17.80c | 1955 | Sept.17 | 2,620 | 11.00 | 1973 | Apr. 03 | 4,590 | 12.71 |
| 1930 | Oct. -- | 20,000 | 17.60c | 1956 | May 07 | 2,830 | 11.30 | 1974 | Feb. 18 | 3,160 | 11.63 |
| 1938 | Apr. 13 | 2,580 | 10.50 | 1957 | May 27 | 2,760 | 11.20 | 1975 | Apr. 17 | 5,270 | 13.09 |
| 1939 | Feb. 28 | 11,600 | 13.80 | 1958 | Mar. 11 | 3,500 | 12.00 | 1976 | June 23 | 3,100 | 11.57 |
| 1940 | Aug. 17 | 7,690 | 12.90 | 1959 | Mar. 08 | 5,700 | 13.20 | 1977 | Mar. 15 | 4,310 | 12.54 |
| 1941 | July 21 | 5,200 | 12.20 | 1960 | Apr. 07 | 6,400 | 13.50 | 1978 | Jan. 27 | 5,670 | 13.42 |
| 1942 | Mar. 09 | 2,820 | 10.80 | 1961 | Apr. 19 | 4,800 | 12.90 | 1979 | Feb. 28 | 6,170 | 13.53 |
| 1943 | Mar. 25 | 2,560 | 10.50 | 1962 | Mar. 16 | 3,010 | 11.50 | 1980 | Mar. 17 | 5,960 | 13.68 |
| 1944 | Mar. 25 | 9,350 | 13.30 | 1963 | June 28 | 2,520 | 10.90 | 1981 | Apr. 04 | 1,760 | 9.78 |
| 1945 | Oct. 25 | 1,880 | 9.50 | 1964 | Jan. 14 | 5,300 | 13.00 | 1982 | Feb. 15 | 2,730 | 11.17 |
| 1946 | Jan. 22 | 2,190 | 10.00 | 1965 | Feb. 19 | 6,800 | 13.83 | 1983 | Feb. 18 | 4,310 | 12.54 |
| 1947 | Apr. 20 | 3,470 | 11.40 | 1966 | May 26 | 12,600 | 16.58 | 1984 | May 05 | 4,870 | 12.88 |
| 1948 | Apr. 02 | 12,100 | 13.90 | 1967 | Jan. 06 | 3,410 | 11.86 | 1985 | Sept.01 | 1,850 | 9.97 |
| 1949 | Dec. 10 | 4,160 | 11.80 | 1968 | Jan. 15 | 396 | 3.65 | 1986 | Feb. 13 | 5,080 | 13.00 |
| 1950 | Sept.09 | 1,710 | 8.90 | 1969 | May 21 | 9,000 | 15.01 | 1987 | Jan. 24 | 5,360 | 13.15 |
| 1951 | Apr. 01 | 2,840 | 10.90 | 1970 | Mar. 24 | 5,000 | 12.95 | 1988 | May 01 | 1,700 | 9.61 |
| 1952 | Mar. 29 | 2,130 | 9.90 | 1971 | Mar. 06 | 5,490 | 13.40 | 1989 | Apr. 15 | 2,350 | 10.74 |
| 1953 | Sept.28 | 8,500 | 13.70 | 1972 | Feb. 05 | 5,430 | 13.17 | 1990 | Jan. 09 | 7,720 | 14.35 |
| 1954 | Oct. 06 | 2,940 | 11.50 | | | | | | | | |

## 02203150 LOTTS CREEK TRIBUTARY NEAR STATESBORO, GEORGIA

LOCATION.--Lat 32°20'53", long 81°52'06", Bulloch County, at culvert on U.S. Highways 25 and 301, 8 mi southwest of Statesboro.
DRAINAGE AREA.--2.37 $mi^2$.
GAGE.--Flood-stage/rainfall recorder recorder. Datum of gage is about 130 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 150 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flood stage of May 1966 is highest since 1948, based on comparison with nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Oct. 04 | 384 | 4.17 | 1969 | Sept.02 | 301 | 3.77 | 1972 | Dec. 20 | 112 | 3.01 |
| 1966 | May 25 | 908 | 5.57 | 1970 | Mar. 22 | 90 | 2.87 | 1973 | Mar. 09 | 120 | 3.11 |
| 1967 | Aug. 26 | 37 | 2.32 | 1971 | July 31 | 164 | 3.27 | 1974 | Aug. 14 | 208 | 3.45 |
| 1968 | Feb. -- | 21 | --b | | | | | | | | |

## 02203280 CANOOCHEE RIVER NEAR DAISY, GEORGIA

LOCATION.--Lat 32°08'54", long 81°46'56", Evans-Bullock County line, at bridge on U.S. Highway 280 and State Highway 30, 3 mi east of Daisy.
DRAINAGE AREA.--833 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 60 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 7,100 $ft^3/s$, and extended above on basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1970 | Mar. 26 | 7,640 | 13.58 | 1976 | June 24 | 4,820 | 11.62 | 1982 | Feb. 16 | 3,990 | 10.70 |
| 1971 | Mar. 08 | 7,910 | 13.73 | 1977 | Mar. 16 | 5,690 | 12.35 | 1983 | Feb. 19 | 6,450 | 12.89 |
| 1972 | Feb. 06 | 7,950 | 13.75 | 1978 | Jan. 28 | 7,320 | 13.40 | 1984 | Mar. 08 | 7,090 | 13.27 |
| 1973 | Apr. 05 | 7,070 | 13.26 | 1979 | Mar. 01 | 7,070 | 13.26 | 1985 | Sept.02 | 2,460 | 8.41 |
| 1974 | Feb. 19 | 4,660 | 11.46 | 1980 | Mar. 17 | 7,610 | 13.56 | 1986 | Nov. 24 | 10,600 | 15.10 |
| 1975 | Apr. 16 | 7,630 | 13.57 | 1981 | Apr. 06 | 2,350 | 8.43 | | | | |

## 02203500 CANOOCHEE RIVER NEAR GROVELAND, GEORGIA

LOCATION.--Lat 32°05'55", long 81°43'43", Bryan County, on upstream side of Moodys Bridge, 3.3 mi south of Groveland, and 6 mi downstream from Lotts Creek.
DRAINAGE AREA.--921 $mi^2$, approximately.
GAGE.--Nonrecording gage. Datum of gage is about 45 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 4,200 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1903 | Sept.17 | 6,500 | 18.20 | 1905 | Feb. 18 | 4,080 | 14.80 | 1907 | July 05 | 4,750 | 16.60 |
| 1904 | Feb. 13 | 4,300 | 15.40 | 1906 | June 17 | 5,500 | 17.20 | | | | |

## 02203505 CANOOCHEE RIVER NEAR PEMBROKE, GEORGIA

LOCATION.--Lat 32°03'30", long 81°39'06", Bryan County, 100 ft downstream of bridge on State Highway 119, about 6 mi south of Pembroke.
DRAINAGE AREA.--959 $mi^2$.
GAGE.--Crest-state gage. Datum of gage is 34.50 ft above sea level (from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 9,900 $ft^3/s$, and above based on slope-conveyance studies.
REMARKS.--Flood stage of September 1929, based on information furnished by Georgia Department of Transportation, is highest since 1840 based on comparison with nearby stations. Peak discharge for 1929 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Sept.29 | 32,000 | 25.00c | 1952 | Apr. 01 | 2,800 | 16.13 | 1956 | Apr. 17 | 2,500 | 15.84 |
| 1950 | Sept.09 | 3,350 | 16.50 | 1953 | Sept.29 | 9,900 | 19.00 | 1958 | Apr. 08 | 5,000 | 17.43 |
| 1951 | Apr. 02 | 3,800 | 16.81 | 1954 | Jan. 01 | 3,100 | 16.33 | 1963 | Jan. 20 | 3,200 | 16.44c |

## 02203540 GROVE RIVER TRIBUTARY NEAR SAVANNAH, GEORGIA

LOCATION.--Lat 31°58'28", long 81°13'10", Chatham County, at culvert on Grove Point Road, near Savannah.
DRAINAGE AREA.--0.74 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 45 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Sept.04 | 92.0 | 5.64 | 1982 | Aug. 13 | 101 | 6.19 | 1985 | June 29 | 47.0 | 3.82 |
| 1980 | June 21 | 81.0 | 5.11 | 1983 | Apr. 23 | 98.0 | 5.93 | 1986 | Aug. 13 | 95.0 | 5.80 |
| 1981 | Aug. 12 | 109 | 7.19 | 1984 | Jan. 27 | 68.0 | 4.64 | | | | |

## 02203541 HARMON CANAL TRIBUTARY AT SAVANNAH, GEORGIA

LOCATION.--Lat 32°00'02", long 81°06'49", Chatham County, at culvert on Hodgson Memorial Drive (Edgewater Road), at Savannah.
DRAINAGE AREA.--0.24 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 45 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | July 07 | 70.0 | 5.99 | 1982 | July 11 | 73.0 | 6.32 | 1985 | July 29 | 75.0 | 6.73 |
| 1980 | Sept. 06 | 70.0 | 6.00 | 1983 | Sept. 01 | 78.0 | 7.03 | 1986 | Aug. 12 | 66.0 | 5.59 |
| 1981 | Aug. 12 | 78.0 | 6.98 | 1984 | Aug. 19 | 74.0 | 6.54 | | | | |

## 02203542 HARMON CANAL NEAR SAVANNAH, GEORGIA

LOCATION.--Lat 32°00'00", long 81°07'45", Chatham County, at culvert on Perimeter Road, within the limits of Hunter Army Airfield, near Savannah.
DRAINAGE AREA.--1.27 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 127 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Sept. 04 | 267 | 6.48 | 1982 | Apr. 25 | 179 | 4.76 | 1985 | July 29 | 264 | 6.42 |
| 1980 | Mar. 12 | 208 | 5.30 | 1983 | Sept. 01 | 273 | 6.60 | 1986 | July 26 | 189 | 4.93 |
| 1981 | Aug. 12 | 270 | 6.55 | 1984 | Aug. 20 | 216 | 5.45 | | | | |

## 02203543 WILSHIRE CANAL NEAR SAVANNAH, GEORGIA

LOCATION.--Lat 31°59'27", long 81°08'15", Chatham County, at culvert on Tibet Avenue near Savannah.
DRAINAGE AREA.--0.95 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Sept. 9, 1986. Crest-stage gage thereafter.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 64 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Sept.04 | 221 | 7.95 | 1983 | Sept.01 | 246 | 8.89 | 1987 | Sept.06 | 241 | 8.70 |
| 1980 | June 21 | 204 | 7.21 | 1984 | Aug. 20 | 211 | 7.48 | 1988 | Aug. 30 | 172 | 6.31 |
| 1981 | Aug. 12 | 235 | 8.49 | 1985 | Aug. 02 | 223 | 8.03 | 1989 | June 30 | 185 | 6.61 |
| 1982 | May 30 | 197 | 6.91 | 1986 | Mar. 13 | 134 | 5.57 | 1990 | Aug. 02 | 162 | 6.11 |

## 02203544 WILSHIRE CANAL TRIBUTARY NEAR SAVANNAH, GEORGIA

LOCATION.--Lat 31°58'25", long 81°08'20", Chatham County, at culvert on Windsor Road near Savannah.
DRAINAGE AREA.--0.18 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Sept. 11, 1986. Crest-stage gage thereafter.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 40 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Sept.04 | 78.0 | 3.82 | 1983 | June 22 | 82.0 | 4.39 | 1987 | Sept.06 | 82.0 | 4.30 |
| 1980 | Aug. 09 | 69.0 | 3.14 | 1984 | Aug. 20 | 75.0 | 3.57 | 1988 | Aug. 11 | 75.0 | 3.53 |
| 1981 | Aug. 12 | 73.0 | 3.43 | 1985 | Aug. 02 | 76.0 | 3.69 | 1989 | July 23 | 68.0 | 3.08 |
| 1982 | May 30 | 76.0 | 3.66 | 1986 | Mar. 13 | 46.0 | 2.39 | 1990 | Oct. 18 | 61.0 | 2.89 |

## NORTH NEWPORT RIVER BASIN

### 02203559 PEACOCK CREEK AT MCINTOSH, GEORGIA

LOCATION.--Lat 31°48'49", long 81°31'13", Liberty County, at culvert on county road, 0.4 mi southwest of U.S. Highway 82, and 0.9 mi south of McIntosh.
DRAINAGE AREA.--33 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 0.40 ft above sea level (levels by Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 460 $ft^3/s$, and above on the basis of slope-conveyance studies.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1967 | Jan. 05 | 250 | 8.75 | 1971 | Aug. 18 | 600 | 10.50 | 1975 | Apr. 16 | 472 | 9.83 |
| 1968 | June 09 | 120 | 8.23 | 1972 | June 21 | 800 | 10.90 | 1976 | June 05 | 269 | 9.22 |
| 1969 | Sept. 01 | 1,050 | 11.33 | 1973 | Sept. 28 | 370 | 9.84 | 1977 | Oct. 18 | 456 | 9.79 |
| 1970 | May 31 | 588 | 10.47 | 1974 | Aug. 11 | 197 | 8.31 | | | | |

## ALTAMAHA RIVER BASIN

### 02203600 SOUTH RIVER AT EAST POINT, GEORGIA

LOCATION.--Lat 33°40'50", long 84°25'15", Fulton County, at culvert on Harland Drive, at East Point.
DRAINAGE AREA.--1.49 $mi^2$.
GAGE.--Crest-stage gage. Prior to October 1, 1969, water-stage recorder at same site and datum. Datum of gage is about 890 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 360 $ft^3/s$, and extended above on basis of culvert computations..
REMARKS.--Flood peaks are affected by increasing amounts of urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Aug. 05 | 820 | 10.00 | 1969 | May 16 | 804 | 9.85 | 1975 | Sept.00 | 750 | 9.43 |
| 1965 | June 07 | 493 | 7.40 | 1970 | Mar. 19 | 565 | 8.00 | 1976 | Mar. 16 | 543 | 7.82 |
| 1966 | Aug. 06 | 806 | 9.90 | 1971 | Aug. 02 | 565 | 8.00 | 1977 | Aug. 21 | 571 | 8.05 |
| 1967 | Mar. 10 | 792 | 9.80 | 1972 | Jan. 10 | 565 | 8.00 | 1978 | Nov. 05 | 854 | 10.23 |
| 1968 | Dec. 19 | 650 | 8.72 | 1973 | Feb. 01 | 620 | 8.44 | | | | |

## 02203800 SOUTH RIVER AT ATLANTA, GEORGIA

LOCATION.--Lat 33°40'46", long 84°18'30", DeKalb County, at Bouldercrest Drive at Atlanta.
DRAINAGE AREA.--41.5 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 758.70 ft above sea level (levels by U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 4,500 $ft^3/s$, and above based on straight-line extension. Bankfull stage and discharge, 7 ft and 2,300 $ft^3/s$.
HISTORICAL DATA.--The flood of Feb. 25, 1961 is thought to be the highest since at least 1946, based on comparison with nearby stations.
REMARKS.--Flood peaks are affected by increasing amounts of urbanization. Peak discharges for 1958-59 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Feb. 21 | 1,810 | 6.15 | 1964 | Apr. 06 | 4,950 | 9.27 | 1977 | Aug. 21 | 2,400 | 5.90 |
| 1952 | Dec. 21 | 2,460 | 7.21 | 1965 | Dec. 26 | 2,200 | 5.45 | 1978 | Nov. 05 | 5,120 | 9.41 |
| 1953 | July 16 | 2,380 | 7.12 | 1966 | Feb. 13 | 4,300 | 8.98 | 1979 | Apr. 13 | 5,040 | 9.36 |
| 1954 | Jan. 22 | 1,390 | 4.96 | 1967 | Aug. 23 | 3,700 | 8.29 | 1980 | May 23 | 6,200 | 10.13 |
| 1955 | Feb. 06 | 1,640 | 5.70 | 1968 | Mar. 12 | 3,500 | 8.05 | 1981 | Feb. 11 | 3,180 | 7.55 |
| 1956 | Mar. 16 | 2,900 | 7.66 | 1969 | Apr. 18 | 4,650 | 9.12 | 1982 | Feb. 03 | 3,770 | 8.27 |
| 1957 | Apr. 05 | 2,800 | 7.64 | 1970 | Sept.00 | 1,400 | --b | 1983 | Apr. 08 | 5,030 | 9.35 |
| 1958 | Feb. 06 | 1,670 | -- | 1971 | Mar. 03 | 3,860 | 8.54 | 1984 | July 31 | 2,230 | 5.82 |
| 1959 | May 31 | 1,400 | -- | 1972 | Jan. 10 | 2,900 | 6.53 | 1985 | Mar. -- | 2,000 | --b |
| 1960 | Jan. 30 | 5,700 | 9.79 | 1973 | Feb. 01 | 5,130 | 9.42 | 1986 | Mar. -- | 2,000 | --b |
| 1961 | Feb. 25 | 8,000 | 11.09 | 1974 | Dec. 31 | 4,460 | 8.97 | 1987 | Jan. 19 | 2,320 | 6.04 |
| 1962 | Feb. 22 | 3,200 | 7.43 | 1975 | Apr. 02 | 2,800 | 6.31 | 1990 | Mar. 17 | 7,020 | 10.61c |
| 1963 | Apr. 30 | 4,220 | 8.77 | 1976 | Mar. 16 | 9,560 | 11.88 | | | | |

## 02203820 SUGAR CREEK NEAR ATLANTA, GEORGIA

LOCATION.--Lat 33°41'41", long 84°18'15", DeKalb County, at culvert on Clifton Church Road, near Atlanta.
DRAINAGE AREA.--8.67 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 763.97 ft above sea level (levels by U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 1,200 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization. Flood peak for 1961 flood from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 1,630 | 9.05c | 1965 | Jan. 23 | 755 | 5.14 | 1976 | Mar. 16 | 1,340 | 9.38 |
| 1963 | May 27 | 1,560 | 8.75 | 1974 | Apr. 04 | 1,140 | 8.87 | 1977 | Aug. 27 | 486 | 6.28 |
| 1964 | Apr. 06 | 1,410 | 7.28 | 1975 | Jan. 10 | 710 | 7.32 | 1978 | Oct. 25 | 646 | 7.03 |

## 02203830 DOLITTLE CREEK NEAR ATLANTA, GEORGIA

LOCATION.--Lat 33°42'30", long 84°17'45", DeKalb County, at culvert on Whites Mill Road, 3.2 mi east of Atlanta.
DRAINAGE AREA.--3.88 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 801.35 ft above sea level (levels by U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by culvert computations.
REMARKS.--Flood peaks are affected by increasing amounts of urbanization. Peak discharges for 1964-65 are estimated. Flood peak for 1961 flood from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 1,100 | 8.88c | 1964 | May 02 | 560 | | 1966 | Feb. 13 | 720 | 5.28 |
| 1963 | May 27 | 1,400 | 10.30 | 1965 | Dec. 04 | 550 | | | | | |

## 02203835 SHOAL CREEK AT ATLANTA, GEORGIA

LOCATION.--Lat 33°44'48", long 84°16'50", DeKalb County, at culvert on Line Street, near Atlanta.
DRAINAGE AREA.--3.43 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Oct. 2, 1980. Crest-stage gage thereafter.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 215 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization. Flood of May 1980 is thought to be the highest since 1963 based on records at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1973 | June 05 | 1,010 | 7.24 | 1979 | Sept. 01 | 778 | 5.42 | 1985 | May 02 | 425 | 3.10 |
| 1974 | Apr. 04 | 778 | 5.42 | 1980 | May 23 | 2,140 | 9.29 | 1986 | Dec. 01 | 638 | 4.42 |
| 1975 | June 10 | 699 | 4.84 | 1981 | Oct. -- | 536 | --b | 1987 | June 03 | 689 | 4.79 |
| 1976 | Mar. 16 | 854 | 6.03 | 1982 | Sept. 02 | 648 | 4.49 | 1988 | Jan. 20 | 640 | 4.43 |
| 1977 | Mar. 21 | 325 | 2.55 | 1983 | Mar. 05 | 1,390 | 7.99 | 1989 | June 20 | 719 | 5.09 |
| 1978 | May 08 | 570 | 3.73 | 1984 | Feb. 27 | 812 | 5.75 | 1990 | Feb. 09 | 966 | 6.91 |

## 02203845 SHOAL CREEK TRIBUTARY NEAR ATLANTA, GEORGIA

LOCATION.--Lat 33°43'05", long 84°15'45", DeKalb County, at culvert on Glendale Drive, near Atlanta.
DRAINAGE AREA.--0.84 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to June 23, 1978. Crest-stage gage after March 25, 1980.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 17 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | May 27 | 720 | 6.80 | 1977 | May 26 | 176 | 3.02 | 1985 | July 17 | 366 | 4.45 |
| 1964 | Jan. 24 | 330 | 4.12 | 1978 | May 08 | 446 | 4.88 | 1986 | Oct. 01 | 358 | 4.39 |
| 1965 | Dec. 26 | 460 | 5.04 | 1980 | May 23 | 358 | 4.39 | 1987 | Aug. 04 | 287 | 3.86 |
| 1973 | July 31 | 464 | 5.13 | 1981 | Sept.01 | 335 | 4.23 | 1988 | Feb. -- | 150 | --b |
| 1974 | Dec. 26 | 402 | 4.55 | 1982 | Mar. 15 | 427 | 4.88 | 1989 | June 20 | 560 | 5.75 |
| 1975 | June 10 | 600 | 5.70 | 1983 | Mar. 05 | 751 | 6.92 | 1990 | Jan. 20 | 397 | 4.67 |
| 1976 | May 28 | 516 | 5.27 | 1984 | July 02 | 222 | 3.35 | | | | |

## 02203850 SHOAL CREEK NEAR ATLANTA, GEORGIA

LOCATION.--Lat 33°42'36", long 84°15'57", DeKalb County, at culvert on Rainbow Drive, near Atlanta.
DRAINAGE AREA.--7.50 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is 789.05 above sea level (levels by U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 252 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | May 27 | 2,670 | 10.10 | 1974 | Apr. 04 | 1,280 | 5.52 | 1977 | Mar. 21 | 532 | 3.82 |
| 1964 | Mar. 25 | 1,180 | 6.15 | 1975 | June 10 | 1,340 | 5.80 | 1978 | Aug. 11 | 1,160 | 5.06 |
| 1965 | June 11 | 1,000 | 4.97 | 1976 | M?ar. 16 | 1,580 | 6.72 | 1979 | Sept.01 | 1,350 | 5.84 |

## 02203870 COBBS CREEK NEAR ATLANTA, GEORGIA

LOCATION.--Lat 33°43'44", long 84°14'17", DeKalb County, at culvert on Snapfinger Road, near Atlanta.
DRAINAGE AREA.--3.68 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is 841.60 above sea level (levels by U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 50 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization. Peak discharge for 1964 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | May 27 | 3,400 | 11.40 | 1967 | Nov. 10 | 950 | 4.56 | 1977 | Mar. 21 | 268 | 3.39 |
| 1964 | Mar. 25 | 750 | -- | 1974 | Apr. 04 | 707 | 4.99 | 1978 | May 08 | 590 | 4.60 |
| 1965 | Dec. 26 | 880 | 4.24 | 1975 | Aug. 27 | 764 | 5.18 | 1979 | Sept.01 | 725 | 5.03 |
| 1966 | Feb. 13 | 1,120 | 5.12 | 1976 | Mar. 16 | 947 | 5.79 | 1980 | May 23 | 1,060 | 6.25 |

## 02203884 CONLEY CREEK NEAR FOREST PARK, GEORGIA

LOCATION.--Lat 33°38'08", long 84°20'37", Clayton County, at culvert on culvert on Rock Cut Road near Forest Park.
DRAINAGE AREA.--1.88 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to July 5, 1978. Crest-stage gage after March 25, 1980. Datum of gage is 844.80 ft above sea level (levels by U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 42 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization. Peak discharge for 1983 undetermined owing to debris in culvert.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | May 27 | 560 | 6.03 | 1978 | Nov. 05 | 1,230 | 9.72 | 1985 | July 17 | 447 | 4.64 |
| 1967 | Nov. 10 | 670 | 6.30 | 1980 | June 24 | 1,010 | 7.71 | 1986 | Oct. 01 | 379 | 4.19 |
| 1968 | Mar. 12 | 480 | 5.42 | 1981 | Mar. 30 | 379 | 4.19 | 1987 | June 11 | 404 | 4.36 |
| 1974 | July 26 | 855 | 7.38 | 1982 | Mar. 15 | 497 | 4.94 | 1988 | Apr. 23 | 493 | 4.92 |
| 1975 | Jan. 10 | 656 | 6.28 | 1983 | Mar. 05 | -- | 10.30 | 1989 | June 20 | 543 | 5.21 |
| 1976 | July 27 | 836 | 7.27 | 1984 | May 03 | 654 | 5.85 | 1990 | Jan. 20 | 1,010 | 7.70 |
| 1977 | Aug. 26 | 417 | 4.66 | | | | | | | | |

## 02203900 SOUTH RIVER NEAR ATLANTA, GEORGIA

LOCATION.--Lat 33°39'58", long 84°13'29", DeKalb County, on Flakes Mill Road, 8 mi east of Atlanta city limits.
DRAINAGE AREA.--99 $mi^2$, approximately.
GAGE.--Crest-stage gage prior to Aug. 23, 1979; water-stage recorder from August 23, 1979 to Sept. 30, 1983; crest-stage gage thereafter. Datum of gage is 717.75 ft above sea level (levels from DeKalb County benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 12,000 $ft^3/s$. Bankful stage and discharge, 8 ft and 2,500 $ft^3/s$.
REMARKS.--The flood of Feb. 25, 1961, is thought to be the highest since at least 1946, based on information at nearby stations. Flood peaks are affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Feb. 21 | 2,990 | 8.66 | 1965 | Dec. 26 | 2,960 | 8.70 | 1978 | Jan. 25 | 4,960 | 11.66 |
| 1952 | Dec. 21 | 4,460 | 10.75 | 1966 | Feb. 13 | 7,200 | 14.87 | 1979 | Apr. 13 | 8,820 | 17.17 |
| 1953 | Apr. 30 | 2,920 | 8.62 | 1967 | Aug. 23 | 3,990 | 10.27 | 1980 | Mar. 08 | 6,700 | 14.41 |
| 1954 | Jan. 22 | 2,360 | 7.78 | 1968 | Mar. 12 | 5,820 | 12.88 | 1981 | Feb. 11 | 4,940 | 11.49 |
| 1955 | Feb. 06 | 3,410 | 9.30 | 1969 | Apr. 18 | 6,320 | 13.55 | 1982 | Feb. 03 | 5,260 | 11.94 |
| 1956 | Mar. 16 | 6,930 | 13.71 | 1970 | Apr. 18 | 2,150 | --b | 1983 | Mar. 06 | 7,020 | 14.72 |
| 1957 | Apr. 05 | 3,760 | 9.80 | 1971 | Mar. 03 | 5,730 | 12.76 | 1984 | Dec. 06 | 3,250 | 8.82 |
| 1958 | Feb. 06 | 2,990 | 8.72 | 1972 | Jan. 10 | 4,220 | 10.60 | 1985 | July 29 | 2,060 | 7.29 |
| 1959 | May 31 | 2,500 | 8.02 | 1973 | Feb. 01 | 6,520 | 13.89 | 1986 | Nov. 30 | 2,400 | 7.75 |
| 1960 | Apr. 04 | 4,460 | 10.76 | 1974 | Dec. 31 | 6,020 | 13.17 | 1987 | Jan. 19 | 3,450 | 9.11 |
| 1961 | Feb. 25 | 12,500 | 21.30 | 1975 | Apr. 02 | 3,450 | 9.77 | 1988 | Jan. 21 | 6,190 | 12.55 |
| 1962 | Feb. 22 | 5,620 | 12.65 | 1976 | Mar. 16 | 11,000 | 19.89 | 1989 | June 21 | 4,960 | 11.41 |
| 1963 | Apr. 30 | 6,810 | 14.34 | 1977 | Jan. 09 | 3,180 | 9.04 | 1990 | Mar. 17 | 9,400 | 18.25 |
| 1964 | Apr. 06 | 7,720 | 15.58 | | | | | | | | |

## 02203950 SNAPFINGER CREEK NEAR DECATUR, GEORGIA

LOCATION.--Lat 33°45'48", long 84°13'13", DeKalb County, at Redan Road, 3.6 mi east of Decatur.
DRAINAGE AREA.--13.2 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 846.81 ft above sea level (levels by U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 3,300 $ft^3/s$, and above on the basis of straight-line extension.
REMARKS.--Flood peaks are affected by increasing amounts of urbanization. Flood peak of 1961 from floodmarks. The flood of May 27, 1963 is thought to be the highest since 1946, based on information from nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 2,100 | 11.20c | 1966 | Feb. 13 | 2,350 | 11.70 | 1970 | Mar. 19 | 2,560 | 12.10 |
| 1963 | May 27 | 3,800 | 14.18 | 1967 | Nov. 10 | 960 | 8.30 | 1973 | June 06 | 3,800 | 14.20c |
| 1964 | Mar. 25 | 2,200 | 11.40 | 1968 | Mar. 12 | 1,880 | 10.75 | 1990 | Mar. 17 | 1,680 | 10.32c |
| 1965 | Dec. 26 | 820 | 7.60 | 1969 | Apr. 18 | 2,300 | 11.50 | | | | |

## 02204070 SOUTH RIVER NEAR LITHONIA, GEORGIA

LOCATION.--Lat 33°37'47", long 84°07'43", DeKalb-Rockdale County line, at bridge on Klondike Road, 1.1 mile south of State Highway 212, 5.8 mi southwest of Lithonia.
DRAINAGE AREA.--182 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 660.90 ft above sea level (levels from DeKalb County benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 8,130 $ft^3/s$, and extended above based on straight-line extension.
REMARKS.--Flood peaks are affected by urbanization. Peak discharge for Febuary 1961 flood is an estimate. The flood stage of April 1963 is based on information provided by the Georgia Department of Transportation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 17,000 | -- | 1985 | Feb. 06 | 3,910 | 8.69 | 1988 | Feb. 04 | 4,260 | 9.01 |
| 1963 | Apr. 30 | 9,630 | 11.80 | 1986 | Nov. 30 | 4,140 | 8.94 | 1989 | June 21 | 6,360 | 10.22 |
| 1984 | Dec. 06 | 5,230 | 9.55 | 1987 | Jan. 19 | 5,650 | 9.83 | 1990 | Mar. 17 | 12,500 | 13.03 |

## 02204285 PATES CREEK NEAR FLIPPEN, GEORGIA

LOCATION.--Lat 33°29'34", long 84°14'44", Henry County, on left upstream headwall of culvert on Buster Lewis Road, 3.6 mi west of Flippen.
DRAINAGE AREA.--11.9 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 720 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 510 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1978 | Nov. 05 | 816 | 9.40 | 1981 | Feb. 11 | 589 | 6.99 | 1984 | Feb. 13 | 623 | 6.93 |
| 1979 | Apr. 13 | 511 | 6.17 | 1982 | Feb. 03 | 457 | 5.55 | 1990 | Mar. 17 | 837 | 8.82c |
| 1980 | May 20 | 699 | 8.23 | 1983 | Mar. 06 | 680 | 7.44 | | | | |

## 02204300 LITTLE COTTON INDIAN CREEK NEAR STOCKBRIDGE, GEORGIA

LOCATION.--Lat 33°31'26", long 84°11'41", Henry County, at State Highway 42, 2.5 mi southeast of Stockbridge.
DRAINAGE AREA.--50 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 681.60 ft above sea level.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 3,400 $ft^3/s$. Stage-discharge record affected by backwater from ponds built downstream after 1964. Peak discharge for 1964 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | July 29 | 548 | 7.17 | 1958 | Feb. 06 | 805 | 7.97 | 1965 | Dec. 26 | -- | 8.47 |
| 1952 | Mar. 03 | 1,900 | 9.47 | 1959 | Mar. -- | 610 | 7.38 | 1966 | Feb. 13 | -- | 11.10 |
| 1953 | May 01 | 780 | 7.88 | 1960 | Apr. 04 | 1,550 | 9.04 | 1967 | Aug. 24 | -- | 8.83 |
| 1954 | Jan. 16 | 830 | 8.01 | 1961 | Feb. 25 | 3,640 | 12.37 | 1968 | Mar. 12 | -- | 9.24 |
| 1955 | Apr. 15 | 585 | 7.30 | 1962 | Feb. 22 | 1,820 | 9.35 | 1969 | Apr. 18 | -- | 10.14 |
| 1956 | Mar. 16 | 2,080 | 9.80 | 1963 | June 27 | 2,080 | 9.79 | 1970 | Mar. 20 | -- | 9.69 |
| 1957 | Apr. 04 | 1,960 | 9.55 | 1964 | Apr. 06 | 2,400 | -- | 1971 | Mar. 03 | -- | 11.73 |

## 02204500 SOUTH RIVER NEAR MCDONOUGH, GEORGIA

LOCATION.--Lat 33°29'48", long 84°00'53", Henry County, at Butler Bridge, 0.2 mi upstream from Beech Creek, 2 mi downstream from Big Walnut Creek, 4.5 mi downstream from Cotton River, and 9 mi northeast of McDonough.
DRAINAGE AREA.--456 $mi^2$.
GAGE.--Water-stage recorder prior to Oct. 6, 1960, crest-stage gage from Oct. 6, 1960 to Sept. 30, 1975, water-stage recorder thereafter. Datum of gage is 564.99 ft above sea level (from U.S. Army Corps of Engineers benchmark), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 22,000 $ft^3/s$, and above on the basis of straight-line extension. Bankful stage and discharge, 13 ft and 5,000 $ft^3/s$.
REMARKS.--The flood of January 1946 is thought to be the highest since 1936 based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1940 | Mar. 14 | 3,700 | 11.10 | 1951 | Feb. 22 | 3,800 | 11.20 | 1962 | Feb. 22 | 10,400 | 17.63 |
| 1941 | Dec. 29 | 3,760 | 11.20 | 1952 | Mar. 04 | 12,300 | 18.40 | 1963 | Apr. 30 | 10,800 | 17.88 |
| 1942 | Mar. 21 | 31,000 | 23.90 | 1953 | May 01 | 5,800 | 14.00 | 1964 | Apr. 06 | 15,600 | 20.38 |
| 1943 | Jan. 19 | 14,500 | 19.30 | 1954 | Dec. 05 | 5,300 | 13.40 | 1965 | Mar. 18 | 4,840 | 12.80 |
| 1944 | Apr. 28 | 8,000 | 16.00 | 1955 | Feb. 07 | 4,630 | 12.50 | 1976 | Mar. 17 | 25,000 | 23.92 |
| 1945 | Apr. 25 | 22,300 | 21.80 | 1956 | Mar. 17 | 13,000 | 18.70 | 1977 | Jan. 10 | 6,320 | 15.12 |
| 1946 | Jan. 07 | 34,500 | 24.70 | 1957 | Apr. 06 | 11,800 | 18.20 | 1978 | Jan. 26 | 12,000 | 19.00 |
| 1947 | Jan. 20 | 10,400 | 17.50 | 1958 | Feb. 07 | 8,860 | 16.60 | 1979 | Apr. 14 | 19,800 | 22.28 |
| 1948 | Mar. 24 | 10,800 | 17.70 | 1959 | May 31 | 5,140 | 13.20 | 1980 | Mar. 09 | 10,900 | 18.45 |
| 1949 | Nov. 29 | 24,900 | 22.50 | 1960 | Jan. 31 | 8,280 | 16.20 | 1981 | Feb. 12 | 10,200 | 18.11 |
| 1950 | Sept.09 | 5,460 | 13.60 | 1961 | Feb. 25 | 26,400 | 25.40 | 1982 | Feb. 04 | 9,330 | 17.58 |

## 02205000 WILDCAT CREEK NEAR LAWRENCEVILLE, GEORGIA

LOCATION.--Lat 34°00'08", long 84°00'18", Gwinnett County, on left bank 75 ft upstream from bridge on Russell Road, 0.7 mi upstream from mouth, 1.1 east of State Highway 20, and 3.2 mi north of Lawrenceville.
DRAINAGE AREA.--1.59 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 967.55 ft above sea level (levels by Metro Engineering).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 90 $ft^3/s$, and extended above on basis of slope-area measurements at 345 $ft^3/s$ and 806 $ft^3/s$. Stage-discharge relation affected by new bridge built in 1974.
REMARKS.--Flow for recent years may be slightly affected by increasing amounts or urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1954 | Jan. 16 | 345 | 4.95 | 1965 | Mar. 24 | 98.0 | 2.88 | 1975 | Mar. 13 | 598 | 7.09 |
| 1955 | Feb. 06 | 240 | 4.25 | 1966 | May 27 | 250 | 4.33 | 1976 | May 28 | 317 | 5.49 |
| 1956 | May 06 | 806 | 8.20 | 1967 | Apr. 26 | 138 | 3.25 | 1977 | Jan. 09 | 78.0 | 4.22 |
| 1957 | Apr. 05 | 73.0 | 2.54 | 1968 | July 12 | 124 | 3.08 | 1978 | Jan. 25 | 182 | 5.53 |
| 1958 | Apr. 15 | 42.0 | 2.10 | 1969 | Apr. 18 | 264 | 4.46 | 1979 | Apr. 13 | 219 | 6.20 |
| 1959 | June 01 | 92.0 | 2.78 | 1970 | Mar. 19 | 143 | 3.34 | 1980 | May 23 | 730 | 9.80 |
| 1960 | June 07 | 62.0 | 2.42 | 1971 | July 10 | 286 | 4.63 | 1981 | July 12 | 67.0 | 3.74 |
| 1961 | Feb. 25 | 330 | 4.96 | 1972 | Jan. 10 | 326 | 4.97 | 1982 | Aug. 11 | 155 | 5.16 |
| 1962 | Dec. 18 | 110 | 2.98 | 1973 | Mar. 16 | 248 | 4.33 | 1983 | Apr. 08 | 164 | 5.30 |
| 1963 | Apr. 30 | 145 | 3.41 | 1974 | Apr. 04 | 344 | 5.67 | 1984 | Dec. 06 | 205 | 5.80 |
| 1964 | Jan. 25 | 228 | 4.15 | | | | | | | | |

## 02205500 PEW CREEK NEAR LAWRENCEVILLE, GEORGIA

LOCATION.--Lat 33°56'05", long 84°01'00", Gwinnett County, on right bank 20 ft upstream from county highway bridge, 1.0 mi upstream from Redland Creek, and 2.2 mi southwest of Lawrenceville.
DRAINAGE AREA.--2.23 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 930 ft above sea level (by barometer).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 80 $ft^3/s$, and extended above on basis of slope-area measurements at 82, 187, 341, and 780 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1954 | Jan. 16 | 480 | 5.95 | 1958 | Apr. 15 | 67.0 | 2.02 | 1961 | Feb. 25 | 532 | 6.35 |
| 1955 | Feb. 06 | 273 | 4.30 | 1959 | June 01 | 519 | 6.30 | 1962 | Dec. 12 | 345 | 5.07 |
| 1956 | July 15 | 615 | 6.96 | 1960 | Apr. 04 | 150 | 3.44 | 1963 | Apr. 29 | 438 | 5.67 |
| 1957 | Apr. 05 | 115 | 2.67 | | | | | | | | |

## 02206000 SHETLEY CREEK NEAR NORCROSS, GEORGIA

LOCATION.--Lat 33°57'20", long 84°09'40", Gwinnett County, on right bank 150 ft upstream from county highway bridge, 1.0 mi upstream from mouth, and 2.8 mi east of Norcross.
DRAINAGE AREA.--0.98 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 890 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 40 $ft^3/s$, and extended above on basis of slope-area measurements at 440 $ft^3/s$ and 2,320 $ft^3/s$.
REMARKS.--Peak discharge for 1961 increased by dam failure.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1954 | Jan. 16 | 442 | 6.37 | 1958 | Nov. 25 | 112 | 2.58 | 1962 | Dec. 18 | 74.0 | 3.73 |
| 1955 | Feb. 06 | 142 | 3.02 | 1959 | July 20 | 59.0 | 3.53 | 1963 | Mar. 05 | 140 | 4.45 |
| 1956 | May 06 | 610 | 7.00 | 1960 | Apr. 03 | 76.0 | 3.78 | 1973 | June 05 | 470 | 6.50c |
| 1957 | Apr. 05 | 142 | 2.98 | 1961 | Feb. 21 | 2,320 | 10.40 | | | | |

## 02206500 YELLOW RIVER NEAR SNELLVILLE, GEORGIA

LOCATION.--Lat 33°51'11", long 84°04'45", Gwinnett County, on left bank at downstream side of McDaniels Bridge on Killian Hill Road, 4 mi downstream from Sweetwater Creek., and 7.5 mi upstream from Stone Mountain Creek, and 3.2 mi west of Snellville.
DRAINAGE AREA.--134 $mi^2$.
GAGE.--Nonrecording prior to Nov. 4, 1952; water-stage recorder Nov. 4, 1952 to Oct. 1, 1971; crest-stage gage from Oct. 1, 1971 to Sept. 30, 1987; water-stage recorder thereafter. Datum of gage is 806.14 ft above sea level (from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 6,500 $ft^3/s$, and above on the basis of contracted opening measurement at 12,600 $ft^3/s$. Bankfull stage and discharge, 13 ft and 14,000 $ft^3/s$.
REMARKS.--Flow for recent years may be slightly affected by increasing amounts of urbanization. Flood of 1948 is thought to be the highest since 1936 based on information at nearby stations. Peak discharge for 1977 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1943 | Apr. 19 | 4,000 | 13.30 | 1959 | May 31 | 1,400 | 5.70 | 1975 | Mar. 14 | 7,330 | 17.63 |
| 1944 | Mar. 29 | 2,760 | 9.80 | 1960 | Jan. 31 | 2,480 | 9.00 | 1976 | Mar. 17 | 6,450 | 16.72 |
| 1945 | Apr. 25 | 3,000 | 10.50 | 1961 | Feb. 25 | 9,080 | 19.10 | 1977 | Jan. 11 | 1,600 | -- |
| 1946 | Mar. 29 | 4,050 | 13.40 | 1962 | Dec. 13 | 3,430 | 11.70 | 1978 | Jan. 26 | 3,310 | 11.27 |
| 1947 | Jan. 20 | 4,370 | 14.10 | 1963 | Apr. 30 | 5,930 | 16.10 | 1979 | Apr. 13 | 6,350 | 16.61 |
| 1948 | Mar. 23 | 2,690 | 9.60 | 1964 | Apr. 07 | 5,640 | 15.70 | 1980 | May 24 | 5,070 | 14.85 |
| 1949 | Nov. 29 | 9,500 | 19.40 | 1965 | Dec. 27 | 1,660 | 6.53 | 1981 | Feb. 11 | 2,140 | 8.27 |
| 1950 | Sept. 08 | 2,030 | 7.65 | 1966 | Feb. 14 | 5,210 | 15.08 | 1982 | Feb. 03 | 3,670 | 12.14 |
| 1951 | Oct. 20 | 1,560 | 6.20 | 1967 | Jan. 09 | 2,840 | 10.02 | 1983 | Apr. 08 | 4,980 | 14.70 |
| 1952 | Dec. 21 | 5,570 | 15.60 | 1968 | Mar. 13 | 2,800 | 9.92 | 1984 | Dec. 06 | 4,420 | 13.65 |
| 1953 | Jan. 10 | 3,180 | 11.00 | 1969 | Apr. 19 | 5,200 | 15.07 | 1985 | July 30 | 3,110 | 10.78 |
| 1954 | Jan. 17 | 4,100 | 13.50 | 1970 | Mar. 20 | 4,170 | 13.34 | 1986 | Feb. -- | 1,900 | --b |
| 1955 | Feb. 07 | 3,400 | 11.60 | 1971 | Mar. 03 | 4,240 | 13.28 | 1987 | Mar. 01 | 2,800 | 10.00 |
| 1956 | May 07 | 7,600 | 17.90 | 1972 | Jan. 11 | 5,050 | 14.81 | 1988 | Jan. 20 | 2,660 | 9.47 |
| 1957 | Apr. 05 | 2,970 | 10.40 | 1973 | Mar. 16 | 3,110 | 10.77 | 1989 | July 20 | 3,570 | 11.93 |
| 1958 | Apr. 16 | 1,280 | 5.30 | 1974 | Dec. 31 | 4,370 | 13.54 | 1990 | Mar. 17 | 12,600 | 19.67 |

## 02207000 GARNER CREEK NEAR SNELLVILLE, GEORGIA

LOCATION.--Lat 33°51'45", long 84°05'50", Gwinnett County, on left bank 100 ft downstream from county highway culvert, 0.9 mi upstream from mouth, and 4.5 mi west of Snellville.
DRAINAGE AREA.--5.54 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 830 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 72 $ft^3/s$, and extended above on basis of culvert computation at 696 $ft^3/s$ and slope-area measurement at 1,630 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1954 | Jan. 16 | 94 | 2.98 | 1958 | Feb. 27 | 189 | 1.74 | 1962 | Dec. 18 | 580 | 2.90 |
| 1955 | Feb. 06 | 510 | 2.62 | 1959 | July 16 | 232 | 1.89 | 1963 | Apr. 29 | 1,530 | 4.19 |
| 1956 | Mar. 16 | 754 | 3.09 | 1960 | Apr. 03 | 418 | 2.42 | 1983 | Feb. 17 | 2,290 | 7.62c |
| 1957 | Apr. 05 | 390 | 2.35 | 1961 | Feb. 25 | 1,630 | 4.30 | | | | |

## 02207500 YELLOW RIVER NEAR COVINGTON, GEORGIA

LOCATION.--Lat 33°36'52", long 84°54'54", Newton County, at bridge on State Highway 12, 0.2 mi downstream from Georgia Railroad bridge, 0.5 mi downstream from Gum Creek, and 3.5 mi northwest of Covington.
DRAINAGE AREA.--378 $mi^2$.
GAGE.--Water-stage recorder prior to Sept. 30, 1960; crest-stage gage from Oct. 1, 1960 to Sept. 30, 1965; water-stage recorder Sept. 19, 1975 to Oct. 27, 1982; crest-stage gage thereafter. Datum of gage is 616.99 ft above sea level (from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 16,000 $ft^3/s$, and extended above on basis of slope-conveyance study. Bankfull stage and discharge, 9 ft and 2,500 $ft^3/s$.
HISTORICAL DATA.--Flood stage of April 7, 1936, based on information furnished by the Georgia Department of Transportation. The flood of April 7, 1936 was the highest since 1919, based on information from nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1936 | Apr. 07 | 30,000 | 29.90c | 1957 | Apr. 06 | 5,340 | 13.50 | 1979 | Apr. 14 | 9,310 | 18.02 |
| 1945 | Apr. 26 | 8,180 | 16.40 | 1958 | Feb. 07 | 3,350 | 10.60 | 1980 | Mar. 09 | 6,150 | 15.47 |
| 1946 | Jan. 07 | 12,000 | 18.60 | 1959 | June 01 | 3,080 | 10.10 | 1981 | Feb. 02 | 4,350 | 13.36 |
| 1947 | Jan. 21 | 6,480 | 14.60 | 1960 | Feb. 01 | 5,420 | 13.60 | 1982 | Jan. 05 | 5,020 | 14.22 |
| 1948 | Feb. 10 | 6,820 | 15.20 | 1961 | Feb. 26 | 13,100 | 19.10 | 1983 | Apr. 09 | 6,950 | 16.20 |
| 1949 | Nov. 29 | 16,200 | 20.30 | 1962 | Feb. 23 | 5,900 | 14.21 | 1984 | Dec. 07 | 5,460 | 14.74 |
| 1950 | Sept. 09 | 3,900 | 11.50 | 1963 | Apr. 30 | 9,540 | 17.29 | 1985 | July 30 | 4,090 | 13.01 |
| 1951 | Oct. 21 | 2,480 | 8.89 | 1964 | Mar. 26 | 8,900 | 16.89 | 1986 | Dec. 01 | 2,860 | 10.86 |
| 1952 | Dec. 23 | 6,080 | 14.40 | 1965 | Apr. -- | 3,470 | --b | 1987 | Jan. 20 | 6,240 | 15.55 |
| 1953 | Jan. 11 | 5,420 | 13.60 | 1976 | Mar. 17 | 12,000 | 19.47 | 1988 | Jan. 21 | 3,260 | 11.60 |
| 1954 | Jan. 18 | 4,300 | 12.10 | 1977 | Jan. 11 | 3,570 | 11.72 | 1989 | July 21 | 5,090 | 14.30 |
| 1955 | Feb. 08 | 4,510 | 12.40 | 1978 | Jan. 26 | 6,000 | 15.20 | 1990 | Mar. 18 | 12,200 | 19.66 |
| 1956 | Mar. 17 | 7,220 | 15.60 | | | | | | | | |

## 02208050 ALCOVY RIVER NEAR LAWRENCEVILLE, GEORGIA

LOCATION.--Lat 33°58'40", long 83°56'23", Gwinnett County, at U.S. Highway 29, 3 mi northeast of Lawrenceville.
DRAINAGE AREA.--9.97 $mi^2$.
GAGE.--Crest-stage gage prior to Nov. 15, 1967; flood-stage recorder Nov. 15, 1967 to Apr. 2, 1968; flood-stage/rainfall recorder thereafter. Datum of gage is about 920 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 900 $ft^3/s$, and extended above on basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Dec. 25 | * 640 | 3.54 | 1969 | Apr. 18 | 1,620 | 4.92 | 1972 | Jan. 10 | 1,010 | 4.26 |
| 1966 | Mar. 04 | 893 | 4.09 | 1970 | Mar. 20 | 705 | 3.79 | 1973 | Mar. 16 | 728 | 3.83 |
| 1967 | Apr. 26 | 660 | 3.40 | 1971 | Mar. 03 | 734 | 3.84 | 1974 | Dec. 31 | 1,080 | 4.35 |
| 1968 | Mar. 12 | 520 | 3.12 | | | | | | | | |

## 02208200 BEAVERDAM CREEK TRIBUTARY AT BOLD SPRINGS, GEORGIA

LOCATION.--Lat 33°53'59", long 83°47'36", Walton County, at culvert on secondary road 917, 0.6 mi east of Bold Springs.
DRAINAGE AREA.--1.03 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 830 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 205 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Dec. -- | 50.0 | --b | 1969 | Jan. 20 | 295 | 5.15 | 1973 | Mar. 16 | 165 | 3.64 |
| 1966 | Mar. 04 | 291 | 5.11 | 1970 | Mar. 19 | 72 | 2.20 | 1974 | Apr. 04 | 130 | 3.15 |
| 1967 | July 25 | 45 | 1.63 | 1971 | Mar. 03 | 122 | 3.03 | 1975 | Mar. 13 | 152 | 3.46 |
| 1968 | Mar. 12 | 205 | 4.16 | 1972 | Jan. 10 | 124 | 3.05 | | | | |

## 02208450 ALCOVY RIVER ABOVE COVINGTON, GEORGIA

LOCATION.--Lat 33°38'24", long 83°46'45", Newton County, at bridge on Alcovy Road, 400 ft downstream from city of Covington waterworks intake structure, 200 ft downstream from Strouds Creek, 200 ft upstream from Georgia Railroad bridge, and 6 mi northeast of Covington.
DRAINAGE AREA.--185 $mi^2$, approximately, and includes that of Strouds Creek.
GAGE.--Water-stage recorder. Datum of gage is 646.10 ft above sea level (levels from the Global Positioning System). Prior to Oct. 1, 1986, at site 400 ft upstream at same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 7,370 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1973 | Dec. 16 | 3,220 | 12.05 | 1979 | Apr. 14 | 4,280 | 12.99 | 1985 | Feb. 06 | 1,340 | 9.20 |
| 1974 | Jan. 03 | 2,020 | 10.64 | 1980 | May 21 | 3,580 | 12.09 | 1986 | Dec. 01 | 1,490 | 9.51 |
| 1975 | Mar. 15 | 4,140 | 12.96 | 1981 | Feb. 02 | 1,730 | 10.15 | 1987 | Jan. 20 | 2,570 | 10.52 |
| 1976 | Mar. 16 | 6,530 | 14.79 | 1982 | Feb. 05 | 1,940 | 10.30 | 1988 | Sept.12 | 1,480 | 9.25 |
| 1977 | Jan. 11 | 1,240 | 8.90 | 1983 | Apr. 10 | 3,340 | 12.04 | 1989 | July 22 | 1,780 | 9.72 |
| 1978 | Jan. 26 | 2,970 | 11.78 | 1984 | Aug. 01 | 3,080 | 11.76 | 1990 | Mar. 18 | 7,620 | 14.49 |

## 02209000 ALCOVY RIVER BELOW COVINGTON, GEORGIA

LOCATION.--Lat 33°30'21", long 83°49'30", Newton County, near bridge on county road 600 ft downstream from Henderson Mill, 4 mi downstream from Central of Georgia Railway bridge, and 7 mi southeast of Covington.
DRAINAGE AREA.--244 $mi^2$.
GAGE.--Nonrecording prior to June 27, 1944; Water-stage recorder June 27, 1944, to Jan. 17, 1949; crest-stage gage thereafter. Prior to June 27, 1944, at site 300 ft upstream at datum about 0.7 ft lower. All stages given adjusted to present datum. Datum of gage is 600.78 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurement below 7,200 $ft^3/s$, and extended above on the basis of slope-conveyance study at 12,400 $ft^3/s$. Bankfull stage and discharge, 10 ft and 2,500 $ft^3/s$.
HISTORICAL DATA.--The peak stage and date of great floods since 1887 are marked on the wall of Henderson Mill, which is 600 ft above gage. These marks have been converted to present site and gage datum and are listed in the tabulation of annual peaks for 1887, 1920, and 1936.
REMARKS.--Records for 1929-32 from the U.S. Army Corps of Engineers. Peak discharge for 1929-32 and 1950-51 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1887 | July 30 | 12,400 | 27.20c | 1948 | Feb. 10 | 3,980 | 13.80 | 1957 | Apr. -- | 2,700 | 10.80 |
| 1920 | Dec. 10 | 9,460 | 23.00c | 1949 | Nov. 29 | 8,270 | 21.30 | 1958 | Feb. 07 | 1,530 | 7.47 |
| 1929 | Mar. 06 | 8,410 | -- | 1950 | Sept.09 | 1,300 | -- | 1959 | May 31 | 1,700 | 8.02 |
| 1930 | Oct. 03 | 4,590 | -- | 1951 | Oct. 21 | 800 | -- | 1960 | Jan. 30 | 2,260 | 9.56 |
| 1931 | May 08 | 1,410 | -- | 1952 | Mar. -- | 2,980 | 11.50 | 1961 | Feb. 26 | 5,540 | 16.88 |
| 1932 | Feb. 23 | 2,080 | -- | 1953 | Jan. -- | 2,160 | 9.26 | 1962 | Feb. 23 | 2,780 | 10.96 |
| 1936 | Apr. 16 | 9,040 | 22.40c | 1954 | Jan. 22 | 1,440 | 7.19 | 1963 | June 28 | 4,790 | 15.51 |
| 1945 | Apr. 26 | 4,470 | 14.40 | 1955 | June 00 | 1,560 | 7.61 | 1964 | Apr. 06 | 5,000 | 15.72 |
| 1946 | Jan. 08 | 7,520 | 20.20 | 1956 | Mar. -- | 2,700 | 10.80 | 1965 | Mar. 17 | 1,350 | 6.89 |
| 1947 | Jan. 21 | 3,600 | 12.70 | | | | | | | | |

## 02210500 OCMULGEE RIVER NEAR JACKSON, GEORGIA

LOCATION.--Lat 33°18'27", long 83°50'18", Butts County, on right bank 500 ft upstream from bridge on State Highway 16, 0.5 mi upstream from Yellow Water Creek, 1.0 mi downstream from Lloyd Shoals Dam, and 7 mi east of Jackson.
DRAINAGE AREA.--1,420 $mi^2$, approximately.
GAGE.--Nonrecording, 1906-12, 1914-15; water-stage recorder, Aug. 3, 1939 to Sept. 30, 1960, Oct. 1, 1975 to Sept. 30, 1982, and March 1987 thereafter. Crest-stage gage Oct. 1, 1960 to Sept. 30, 1965. Datum of gage is 419.29 ft above sea level (from river profile study), supplentary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 46,000 $ft^3/s$, and extended above on basis of flow over Lloyd Shoals Dam at 69,000 $ft^3/s$. Bankfull stage and discharge, 14 ft and 24,000 $ft^3/s$.
REMARKS.--Peak discharges are regulated by storage in Lloyd Shoals Reservoir (maximum flood-control storage, 78,000 acre-ft), which was put in operation in 1910. Only the smaller peaks are considered to be significantly regulated. Because of the regulation and poor stage-discharge relation, annual peaks for the period 1906-15 are not presented in this report. The flood of 1920 is thought to be the highest since 1887, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1912 | Mar. 16 | 45,500 | 20.80c | 1951 | Feb. -- | 3,710 | 5.95 | 1964 | May 03 | 27,000 | 15.06 |
| 1920 | Dec. 11 | 69,000 | 26.80c | 1952 | Mar. 04 | 27,100 | 15.10 | 1965 | Mar. 18 | 11,200 | 9.12 |
| 1940 | July 14 | 11,900 | 10.00 | 1953 | May 01 | 11,500 | 9.26 | 1976 | Mar. 18 | 41,500 | 19.61 |
| 1941 | Mar. 27 | 3,300 | 5.87 | 1954 | Dec. 13 | 9,080 | 8.20 | 1977 | Mar. 23 | 11,600 | 9.24 |
| 1942 | Mar. 21 | 45,500 | 20.80 | 1955 | Feb. 09 | 6,250 | 7.09 | 1978 | Jan. 26 | 26,100 | 14.75 |
| 1943 | Jan. 19 | 27,700 | 15.30 | 1956 | Mar. 18 | 19,600 | 12.40 | 1979 | Apr. 15 | 31,900 | 16.67 |
| 1944 | Mar. 23 | 21,500 | 13.20 | 1957 | Apr. 05 | 19,800 | 12.50 | 1980 | May 21 | 20,000 | 12.71 |
| 1945 | Apr. 26 | 30,100 | 16.10 | 1958 | Feb. 07 | 17,200 | 11.50 | 1981 | Feb. 11 | 17,200 | 11.54 |
| 1946 | Jan. 08 | 45,500 | 20.80 | 1959 | June 02 | 28,000 | 15.40 | 1982 | Feb. 04 | 17,900 | 11.77 |
| 1947 | Jan. 21 | 22,900 | 13.60 | 1960 | Mar. 30 | 17,500 | 11.60 | 1988 | Feb. 05 | 13,100 | 9.85 |
| 1948 | Feb. 10 | 20,900 | 12.90 | 1961 | Feb. 26 | 43,100 | 20.10 | 1989 | June 22 | 14,000 | 10.20 |
| 1949 | Nov. 28 | 56,600 | 23.90 | 1962 | Feb. 23 | 21,200 | 12.95 | 1990 | Mar. 18 | 46,300 | 20.96 |
| 1950 | Sept. 09 | 12,000 | 9.35 | 1963 | Apr. 30 | 22,300 | 13.44 | | | | |

## 02211300 TOWALIGA RIVER NEAR JACKSON, GEORGIA

LOCATION.--Lat 33°15'50", long 84°04'17", Butts County, at bridge on State Highway 16, 6.5 mi west of Jackson.
DRAINAGE AREA.--105 $mi^2$, approximately.
GAGE.--Water-stage recorder prior to Oct. 1, 1971; crest-stage gage thereafter. Datum of gage is 595.54 ft above sea level (levels from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 7,400 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and discharge, 8 ft and 1,000 $ft^3/s$.
REMARKS.--Flood of 1990 is thought to be the highest since 1919, based on information from local residents.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 4,220 | 13.89 | 1969 | Apr. 19 | 2,550 | 10.71 | 1977 | Mar. 22 | 2,500 | 10.67 |
| 1962 | Feb. 23 | 2,960 | 11.70 | 1970 | Mar. 22 | 1,860 | 9.71 | 1978 | Jan. 26 | 4,200 | 13.29 |
| 1963 | June 20 | 3,950 | 12.78 | 1971 | Mar. 03 | 7,470 | 17.17 | 1979 | Apr. 04 | 3,130 | 11.71 |
| 1964 | Mar. 15 | 5,060 | 13.85 | 1972 | Jan. 10 | 4,060 | 13.08 | 1980 | Mar. 28 | 2,860 | 11.27 |
| 1965 | Oct. 05 | 1,480 | 9.15 | 1973 | Dec. 16 | 3,800 | 12.60 | 1981 | Feb. 11 | 2,830 | 11.22 |
| 1966 | Oct. 02 | 5,530 | 15.53 | 1974 | Jan. 21 | 1,460 | 8.90 | 1982 | Feb. 04 | 2,340 | 10.40 |
| 1967 | Aug. 25 | 1,730 | 9.85 | 1975 | Apr. 03 | 5,900 | 15.46 | 1983 | Apr. 08 | 2,500 | 10.66 |
| 1968 | Mar. 13 | 4,120 | 13.75 | 1976 | Mar. 16 | 6,000 | 15.55 | 1990 | Mar. 18 | 9,300 | 19.05c |

## 02211459 BIG TOWALIGA CREEK NEAR BARNESVILLE, GEORGIA

LOCATION.--Lat 33°04'20", long 84°11'04", Lamar County, at culvert on county road, 6.2 mi upstream from Towaliga River, and 2.1 mi northwest of Barnesville.
DRAINAGE AREA.--2.36 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Feb. 12, 1971; water-stage and rainfall recorders from Feb. 13, 1971 to Sept. 30, 1974, water-stage recorder thereafter. Datum of gage is about 690 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 200 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1969 | Apr. 18 | 183 | 4.64 | 1974 | Apr. 04 | 463 | 6.57 | 1978 | Nov. 05 | 761 | 8.48 |
| 1970 | Mar. 20 | 282 | 5.40 | 1975 | Apr. 03 | 384 | 6.39 | 1979 | Feb. 24 | 273 | 5.65 |
| 1971 | July 30 | 562 | 7.13 | 1976 | Mar. 13 | 195 | 5.06 | 1980 | Mar. 08 | 949 | 9.42 |
| 1972 | June 27 | 218 | 4.93 | 1977 | July 26 | 236 | 5.26 | 1981 | Feb. 11 | 178 | 4.93 |
| 1973 | May 28 | 316 | 5.64 | | | | | | | | |

## 02211500 TOWALIGA RIVER NEAR FORSYTH, GEORGIA

LOCATION.--Lat 33°07'17", long 83°56'36", Monroe County, at bridge on State Highway 42, 0.2 mi downstream from Rocky Creek, 1.5 mi downstream from Little Towaliga River, and 6 mi north of Forsyth.
DRAINAGE AREA.--315 $mi^2$, approximately.
GAGE.--Water-stage recorder prior to Jan. 1, 1950; crest-stage gage thereafter. Feb. 1, 1929 to Apr. 30, 1932, at site 0.5 mi downstream at different datum.Datum of gage is 409.7 ft above sea level (from U.S. Army Corps of Engineers profile).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements at former site. Defined by current-meter measurements below 7,000 $ft^3/s$ at present site, and extended above on the basis of records at former site. Bankfull stage and discharge, 13 ft and 5,000 $ft^3/s$.
HISTORICAL DATA.--Flood of March 1929 is highest flood since 1919, based on information from nearby stations. Flood-stage information of Feb. 1966 furnished by the Georgia Department of Transportation.
REMARKS.--Records for 1929-31 are daily peak discharges (from U.S. Army Corps of Engineers). Peak discharges for 1966 and 1990 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. 15 | 15,900 | -- | 1951 | Nov. -- | 4,000 | --b | 1960 | Apr. -- | 4,000 | --b |
| 1930 | Oct. 02 | 13,500 | -- | 1952 | Mar. -- | 10,900 | 19.28 | 1961 | Feb. 26 | 9,500 | 17.99 |
| 1931 | Nov. 17 | 3,980 | -- | 1953 | Apr. 30 | 4,590 | 12.25 | 1962 | Feb. -- | 4,000 | --b |
| 1945 | Apr. 26 | 7,320 | 15.80 | 1954 | Feb. -- | 4,000 | --b | 1963 | Mar. 31 | 6,780 | 15.15 |
| 1946 | Jan. 07 | 7,700 | 16.20 | 1955 | Jan. -- | 4,000 | --b | 1964 | Apr. 06 | 8,900 | 17.45 |
| 1947 | Mar. 07 | 7,900 | 16.40 | 1956 | Sept.27 | 5,520 | 13.63 | 1965 | Dec. 26 | 4,410 | 11.88 |
| 1948 | Feb. 10 | 4,110 | 11.40 | 1957 | Dec. 24 | 6,780 | 15.21 | 1966 | Feb. 13 | 15,000 | 22.15 |
| 1949 | Nov. 27 | 13,200 | 20.90 | 1958 | Nov. -- | 4,650 | 12.30 | 1990 | Mar. 18 | 14,000 | 21.63c |
| 1950 | July 00 | 4,000 | --b | 1959 | May 30 | 8,700 | 17.18 | | | | |

## 02212500 OCMULGEE RIVER AT JULIETTE, GEORGIA

LOCATION.--Lat 33°05'50", long 83°47'10", Jones County, on left bank 0.9 mi downstream from Juliette Mills at Julliette, and 2.5 mi downstream from Towaliga River.
DRAINAGE AREA.--1,960 $mi^2$.
GAGE.--Water-stage recorder from June 1916 to Sept. 1921, July 1974 to May 1988. Datum of gage is 340.97 ft above sea level (levels by Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 44,000 $ft^3/s$, and extended above on the basis of straight-line extension.
HISTORICAL DATA.--Flood stage of 1886 based on information furnished by local residents.
REMARKS.--The smaller peak discharges are regulated by storage in Floyd Shoals Reservoir (maximum flood-control storage, 78,000 acre-ft), which was put into operation in 1910. Flood stage of November 1948 and March 1990 flood from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | May 00 | 73,000 | 32.00c | 1975 | Apr. 13 | 40,000 | 23.92 | 1983 | Apr. 09 | 28,100 | 19.95 |
| 1916 | July 10 | 49,800 | 26.40 | 1976 | Mar. 18 | 44,600 | 24.89 | 1984 | Aug. 02 | 26,100 | 19.23 |
| 1917 | Mar. 27 | 27,600 | 20.20 | 1977 | Mar. 23 | 15,800 | 14.39 | 1985 | Feb. 07 | 21,000 | 17.02 |
| 1918 | Jan. 30 | 15,300 | 14.20 | 1978 | Jan. 26 | 34,400 | 22.32 | 1986 | Mar. 13 | 7,240 | 9.37 |
| 1919 | Dec. 23 | 28,100 | 20.40 | 1979 | Apr. 16 | 29,900 | 20.97 | 1987 | Mar. 02 | 18,300 | 15.71 |
| 1920 | Dec. 11 | 67,400 | 30.80 | 1980 | Mar. 30 | 24,300 | 18.63 | 1988 | Feb. 05 | 12,900 | 12.79 |
| 1921 | Feb. 11 | 26,000 | 22.80 | 1981 | Feb. 02 | 21,600 | 17.30 | 1990 | Mar. 18 | 58,400 | 28.55c |
| 1949 | Nov. 29 | 78,000 | 33.10c | 1982 | Feb. 04 | 21,900 | 17.42 | | | | |

## 02212600 FALLING CREEK NEAR JULIETTE, GEORGIA

LOCATION.--Lat 33°05'59", long 83°43'25", Jones County, on left bank 100 ft upstream from highway bridge on County Road 1432, 4 mi upstream from Caney Creek, and 5.1 mi east of Juliette.
DRAINAGE AREA.--72.2 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 366.52 ft above sea level (levels by Global Positioning System from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,000 $ft^3/s$, and above on the basis of straight-line extension. Bankful stage and discharge 14 ft and 2,100 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Oct. 05 | 5,300 | 19.30 | 1974 | Apr. 05 | 4,730 | 19.66 | 1983 | Apr. 09 | 3,310 | 16.82 |
| 1966 | Jan. 15 | 2,170 | 14.19 | 1975 | Apr. 03 | 5,210 | 20.26 | 1984 | Aug. 02 | 2,020 | 13.68 |
| 1967 | Dec. 29 | 1,900 | 13.35 | 1976 | May 15 | 7,100 | 22.40 | 1985 | Feb. 06 | 3,600 | 17.35 |
| 1968 | Dec. 29 | 1,060 | 9.92 | 1977 | Mar. 22 | 2,580 | 15.93 | 1986 | Mar. 20 | 1,180 | 10.43 |
| 1969 | Apr. 18 | 4,550 | 18.44 | 1978 | Jan. 26 | 3,280 | 17.36 | 1987 | Mar. 01 | 1,320 | 11.10 |
| 1970 | Mar. 22 | 2,680 | 15.77 | 1979 | Feb. 24 | 3,480 | 17.95 | 1988 | Jan. 20 | 804 | 8.42 |
| 1971 | Mar. 02 | 7,700 | 23.00 | 1980 | Mar. 08 | 2,780 | 16.37 | 1989 | Apr. 15 | 1,060 | 9.81 |
| 1972 | Jan. 12 | 1,220 | 11.44 | 1981 | Feb. 11 | 5,550 | 20.21 | 1990 | Mar. 17 | 7,570 | 22.85 |
| 1973 | Apr. 08 | 2,460 | 15.65 | 1982 | Feb. 03 | 2,680 | 15.67 | | | | |

## 02213000 OCMULGEE RIVER AT MACON, GEORGIA

LOCATION.--Lat 32°50'19", long 83°37'14", Bibb County, at downstream end of center pier of Fifth Street Bridge, 1.5 mi upstream from Walnut Creek, at mile 198.0, and at Macon.
DRAINAGE AREA.--2,240 $mi^2$, approximately.
GAGE.--Nonrecording gage prior to Oct. 1, 1931; water-stage recorder thereafter. At sites within 1.5 mi downstream of present site and at about present datum prior to Oct. 9, 1905, Oct. 9, 1905 to Dec. 31, 1913 nonrecording gage at present site and datum, and for period Jan. 11, 1925 to Apr. 15, 1926. Oct. 9, 1905 to Dec. 31, 1913, nonrecording gage at present site and datum. Water-stage recorder at present site since Oct. 1, 1931. Datum of gage is 269.80 ft above sea level (levels from Georgia Department of Transportation), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 60,000 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankful stage and discharge 18 ft and 12,000 $ft^3/s$.
HISTORICAL DATA.--Flood of 1949 was the highest since 1887, based on information from nearby stations.
REMARKS.--Minor regulation of lower peak discharges from storage in Lloyd Shoals Reservoir (maximum flood-control storage, 78,000 acre-ft), which was put into operation in 1910. Records of 1887, 1893-95, 1900-31 furnished by National Weather Service. Records of 1893-1909 are maximum daily discharge. Flood peaks for 1887, 1925, and 1926 are present site and datum. Flood peaks for 1887, 1925, and 1926 at present site and datum.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1887 | Aug. -- | 55,000 | 24.00c | 1925 | Jan. 19 | 72,500 | 26.0 | 1958 | Feb. 08 | 21,600 | 19.50 |
| 1893 | Feb. 17 | 10,200 | 13.40 | 1926 | Mar. 31 | 28,300 | 20.1 | 1959 | June 03 | 27,500 | 20.90 |
| 1894 | Aug. 06 | 11,300 | 14.20 | 1927 | Mar. 12 | 7,900 | 13.00 | 1960 | Mar. 31 | 21,600 | 19.50 |
| 1895 | Mar. 17 | 21,000 | 18.40 | 1928 | Aug. 16 | 47,100 | 23.00 | 1961 | Feb. 26 | 48,200 | 24.10 |
| 1896 | July 09 | 53,300 | 20.00 | 1929 | Feb. 28 | 73,400 | 26.10 | 1962 | Mar. 12 | 23,700 | 20.03 |
| 1897 | Mar. 14 | 33,800 | 18.00 | 1930 | Oct. 02 | 64,400 | 25.10 | 1963 | Jan. 21 | 38,500 | 22.72 |
| 1898 | Sept.04 | 35,300 | 18.20 | 1931 | Apr. 01 | 10,700 | 14.90 | 1964 | Apr. 08 | 52,600 | 24.73 |
| 1899 | Oct. 05 | 29,000 | 17.30 | 1932 | Feb. 04 | 19,600 | 18.10 | 1965 | Dec. 26 | 45,300 | 23.69 |
| 1900 | Feb. 14 | 37,700 | 21.70 | 1933 | Feb. 20 | 17,300 | 17.90 | 1966 | Feb. 14 | 40,800 | 23.04 |
| 1901 | Apr. 03 | 22,400 | 18.80 | 1934 | Mar. 06 | 17,000 | 17.30 | 1967 | Aug. 26 | 17,000 | 18.61 |
| 1902 | Mar. 01 | 45,600 | 22.80 | 1935 | Oct. 12 | 24,300 | 18.90 | 1968 | Mar. 14 | 23,200 | 20.46 |
| 1903 | Feb. 09 | 31,600 | 20.70 | 1936 | Apr. 09 | 63,700 | 25.20 | 1969 | Apr. 19 | 33,100 | 22.18 |
| 1904 | Aug. 10 | 12,600 | 15.40 | 1937 | Apr. 30 | 33,300 | 21.00 | 1970 | Mar. 23 | 41,900 | 25.47 |
| 1905 | Feb. 13 | 15,400 | 16.40 | 1938 | Apr. 07 | 31,000 | 20.60 | 1971 | Mar. 04 | 58,600 | 29.45 |
| 1906 | Jan. 23 | 27,300 | 19.90 | 1939 | Mar. 01 | 33,900 | 21.10 | 1972 | Jan. 13 | 34,000 | 23.60 |
| 1907 | Oct. 04 | 20,300 | 18.20 | 1940 | Feb. 18 | 13,200 | 16.40 | 1973 | Apr. 08 | 25,000 | 21.41 |
| 1908 | Apr. 27 | 29,900 | 20.40 | 1941 | Dec. 28 | 7,300 | 12.70 | 1974 | Apr. 05 | 31,500 | 23.00 |
| 1909 | Mar. 13 | 31,000 | 20.60 | 1942 | Mar. 22 | 73,400 | 26.10 | 1975 | Apr. 04 | 42,600 | 25.64 |
| 1910 | Mar. 01 | 28,800 | 20.20 | 1943 | Mar. 22 | 44,800 | 22.70 | 1976 | Mar. 18 | 42,000 | 25.49 |
| 1911 | Aug. 05 | 8,940 | 12.10 | 1944 | Mar. 20 | 50,200 | 23.40 | 1977 | Mar. 22 | 26,300 | 21.44 |
| 1912 | Mar. 16 | 44,800 | 22.70 | 1945 | Apr. 27 | 40,400 | 22.10 | 1978 | Jan. 27 | 37,000 | 24.30 |
| 1913 | Mar. 16 | 51,000 | 23.50 | 1946 | Jan. 08 | 57,600 | 24.30 | 1979 | Feb. 25 | 33,300 | 23.43 |
| 1914 | Jan. 03 | 4,800 | 8.40 | 1947 | Mar. 09 | 32,600 | 21.80 | 1980 | Mar. 30 | 28,100 | 22.17 |
| 1915 | Jan. 19 | 19,100 | 17.80 | 1948 | Feb. 11 | 24,000 | 20.10 | 1981 | Feb. 11 | 29,300 | 22.47 |
| 1916 | July 11 | 47,800 | 23.10 | 1949 | Nov. 29 | 83,500 | 28.00 | 1982 | Feb. 05 | 24,300 | 21.25 |
| 1917 | Apr. 06 | 25,400 | 19.50 | 1950 | Sept.19 | 9,340 | 15.00 | 1983 | Apr. 10 | 34,100 | 23.63 |
| 1918 | Jan. 31 | 14,300 | 15.90 | 1951 | Apr. 23 | 6,940 | 13.20 | 1984 | Aug. 02 | 28,900 | 22.73 |
| 1919 | Feb. 26 | 31,000 | 20.60 | 1952 | Mar. 05 | 46,800 | 23.90 | 1985 | Feb. 07 | 24,400 | 21.51 |
| 1920 | Dec. 11 | 66,200 | 25.30 | 1953 | May 01 | 38,400 | 22.70 | 1986 | Mar. 20 | 10,400 | 16.41 |
| 1921 | Feb. 11 | 37,000 | 21.60 | 1954 | Dec. 14 | 13,800 | 17.10 | 1987 | Mar. 02 | 19,800 | 20.29 |
| 1922 | Mar. 11 | 48,600 | 23.20 | 1955 | Apr. 14 | 11,800 | 16.30 | 1988 | Feb. 06 | 13,200 | 17.86 |
| 1923 | May 30 | 28,300 | 20.10 | 1956 | Mar. 19 | 19,700 | 19.00 | 1989 | June 23 | 14,900 | 18.60 |
| 1924 | Sept.30 | 21,000 | 18.40 | 1957 | Dec. 25 | 24,400 | 20.20 | 1990 | Mar. 18 | 64,700 | 29.90 |

## 02213050 WALNUT CREEK NEAR GRAY, GEORGIA

LOCATION.--Lat 32°58'20", long 83°37'08", Jones County, on downstream side of right bank pier of abandoned bridge, 500 ft downstream from bridge on State Highway 18, 1.4 mi upstream from Bonner Creek, and 5.5 mi southeast of Gray.
DRAINAGE AREA.--29 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 380.36 ft above sea level (levels by Global Positioning System).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,700 $ft^3/s$, and extended above on the basis of contracted-opening measurement at 15,500 $ft^3/s$. Bankfull stage and discharge, 8 ft and 2,500 $ft^3/s$.
HISTORICAL DATA.--Flood of December 1964 is the highest since 1948, based on information from nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1962 | Feb. 22 | 4,920 | 11.90 | 1972 | Dec. 03 | 1,040 | 4.27 | 1982 | Feb. 03 | 2,050 | 6.82 |
| 1963 | May 28 | 6,600 | 13.80 | 1973 | May 29 | 3,150 | 9.33 | 1983 | Mar. 06 | 4,730 | 11.68 |
| 1964 | Apr. 08 | 5,000 | 12.00 | 1974 | Feb. 15 | 3,490 | 9.90 | 1984 | Mar. 25 | 2,170 | 7.23 |
| 1965 | Dec. 26 | 15,500 | 23.80 | 1975 | Apr. 03 | 4,570 | 11.46 | 1985 | Feb. 05 | 2,410 | 7.91 |
| 1966 | Jan. 15 | 2,260 | 7.47 | 1976 | May 15 | 3,420 | 9.79 | 1986 | Mar. 19 | 1,130 | 4.41 |
| 1967 | Dec. 29 | 1,150 | 4.43 | 1977 | Mar. 22 | 2,950 | 9.05 | 1987 | Mar. 30 | 3,740 | 10.30 |
| 1968 | Jan. 10 | 619 | 3.67 | 1978 | Jan. 25 | 2,960 | 9.02 | 1988 | Jan. 28 | 799 | 3.97 |
| 1969 | Apr. 18 | 1,640 | 5.45 | 1979 | Feb. 24 | 4,040 | 10.69 | 1989 | July 13 | 1,980 | 6.59 |
| 1970 | Mar. 20 | 2,090 | 6.95 | 1980 | Mar. 08 | 7,420 | 15.01 | 1990 | Mar. 17 | 3,070 | 9.21 |
| 1971 | Mar. 02 | 3,940 | 10.56 | 1981 | Feb. 11 | 4,410 | 11.22 | | | | |

## 02213350 TOBESOFKEE CREEK BELOW FORSYTH, GEORGIA

LOCATION.--Lat 32°59'37", long 83°56'41", Monroe County, at State Highway 42, 3 mi southwest of Forsyth.
DRAINAGE AREA.--53.4 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 473.5 ft above sea level.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,200 $ft^3/s$, and extended above on the basis of contracted-opening measurement at 9,160 $ft^3/s$.
REMARKS.--1972 peak discharge estimated to be 1,400 $ft^3/s$, based on information from nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | Jan. 20 | 1,800 | 4.27 | 1972 | June 00 | 1,400 | --b | 1981 | Feb. 11 | 4,320 | 3.35 |
| 1964 | May 02 | 2,300 | 4.85 | 1974 | Apr. 05 | 6,000 | 4.60 | 1982 | Feb. 04 | 2,090 | 1.32 |
| 1965 | Oct. 05 | 3,300 | 5.80 | 1975 | Apr. 03 | 6,500 | 4.90 | 1983 | Apr. 08 | 2,780 | 2.03 |
| 1966 | Feb. 13 | 1,560 | 3.96 | 1976 | May 29 | 5,100 | 3.93 | 1984 | Aug. 02 | 3,440 | 2.62 |
| 1967 | Aug. -- | 1,100 | --b | 1977 | Mar. 22 | 5,200 | 4.00 | 1985 | Feb. 05 | 2,880 | 2.13 |
| 1968 | Mar. 12 | 1,450 | 3.81 | 1978 | Jan. 25 | 4,200 | 3.20 | 1986 | Mar. 19 | 2,360 | 1.61 |
| 1969 | Apr. 18 | 3,050 | 5.62 | 1979 | Feb. 24 | 3,900 | 3.00 | 1987 | Mar. 01 | 850 | -0.46 |
| 1970 | Mar. 19 | 1,230 | 3.44 | 1980 | Mar. 13 | 5,240 | 4.03 | 1990 | Mar. 17 | 7,000 | 5.20c |
| 1971 | July 24 | 9,160 | 10.10 | | | | | | | | |

## 02213400 LITTLE TOBESOFKEE CREEK NEAR FORSYTH, GEORGIA

LOCATION.--Lat 32°57'10", long 84°02'33", Monroe County, at State Highway 83, 8.2 mi southwest of Forsyth.
DRAINAGE AREA.--16.8 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 580 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 660 $ft^3/s$, and extended above on the basis of contracted-opening measurement at 3,970 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Apr. 22 | 380 | 4.96 | 1955 | May 23 | 380 | 4.98 | 1959 | Feb. -- | 352 | 4.80 |
| 1952 | Mar. 03 | 3,060 | 10.11 | 1956 | Mar. 16 | 2,560 | 9.73 | 1960 | Apr. 04 | 729 | 6.93 |
| 1953 | May 01 | 4,040 | 10.67 | 1957 | June 05 | 1,140 | 7.95 | 1961 | Feb. 25 | 3,970 | 10.63 |
| 1954 | Dec. 04 | 338 | 4.66 | 1958 | Nov. 19 | 1,120 | 7.90 | 1990 | Mar. 18 | 180 | 3.59c |

## 02213470 TOBESOFKEE CREEK ABOVE MACON, GEORGIA

LOCATION.--Lat 32°52'02", long 83°50'24", Bibb County, on left bank 800 ft upstream from bridge on State Highway 74, 1.7 mi downstream from Little Tobesofkee Creek, and 8.0 mi west of Macon.
DRAINAGE AREA.--156 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 365.2 ft above sea level (from S.J. Gostin Company benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 7,600 $ft^3/s$, and above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1967 | Aug. 25 | 630 | 5.58 | 1972 | June 28 | 2,010 | 8.05 | 1976 | May 29 | 4,900 | 11.39 |
| 1968 | Mar. 13 | 1,710 | 7.59 | 1973 | May 29 | 3,820 | 10.27 | 1977 | Mar. 22 | 6,760 | 12.78 |
| 1969 | Apr. 19 | 6,630 | 12.68 | 1974 | Apr. 05 | 4,890 | 11.28 | 1978 | Jan. 25 | 6,740 | 12.76 |
| 1970 | Mar. 20 | 2,860 | 9.26 | 1975 | Apr. 03 | 6,920 | 12.90 | 1990 | Mar. 18 | 9,620 | 14.78c |
| 1971 | Mar. 02 | 8,580 | 14.09 | | | | | | | | |

## 02213500 TOBESOFKEE CREEK NEAR MACON, GEORGIA

LOCATION.--Lat 32°48'32", long 83°45'30", Bibb County, on right bank at downstream end of pier of bridge on U.S. Highway 80, 8 mi west of Macon, and 14 mi upstream from mouth.
DRAINAGE AREA.--182 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 309.98 ft above sea level (from U.S. Coast and Geodetic Survey benchmark), supplementary adjustment of 1936. Prior to Aug. 28, 1942, nonrecording gage at same site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,300 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and discharge, 17 ft and 5,000 $ft^3/s$.
REMARKS.--Minor regulation since November 1967 by Lake Tobsofkee, about 1 mi upstream.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Apr. 08 | 4,860 | 16.30 | 1956 | Mar. 16 | 1,930 | 10.10 | 1974 | Apr. 05 | 4,700 | 15.42 |
| 1939 | Mar. 01 | 4,260 | 15.00 | 1957 | May 04 | 4,040 | 15.20 | 1975 | Apr. 03 | 5,690 | 17.98 |
| 1940 | Feb. 19 | 2,220 | 10.60 | 1958 | Mar. 07 | 2,520 | 11.80 | 1976 | May 15 | 6,680 | 19.40 |
| 1941 | Dec. 28 | 851 | 5.40 | 1959 | Feb. 04 | 2,230 | 11.00 | 1977 | Mar. 22 | 5,800 | 18.15 |
| 1942 | Dec. 24 | 8,270 | 21.40 | 1960 | Mar. 31 | 2,920 | 12.80 | 1978 | Jan. 25 | 7,690 | 20.68 |
| 1943 | Mar. 22 | 5,700 | 18.00 | 1961 | Feb. 25 | 7,390 | 20.30 | 1979 | Feb. 24 | 7,330 | 20.23 |
| 1944 | Mar. 21 | 9,830 | 23.20 | 1962 | Feb. 23 | 5,100 | 16.60 | 1980 | Mar. 09 | 5,480 | 17.69 |
| 1945 | Apr. 25 | 2,090 | 10.20 | 1963 | Jan. 21 | 5,220 | 17.30 | 1981 | Feb. 11 | 5,100 | 17.10 |
| 1946 | Dec. 26 | 3,170 | 13.20 | 1964 | Apr. 09 | 7,230 | 20.10 | 1982 | Feb. 03 | 4,780 | 16.48 |
| 1947 | Mar. 08 | 4,050 | 15.10 | 1965 | Dec. 26 | 9,290 | 22.60 | 1983 | Apr. 09 | 4,690 | 16.30 |
| 1948 | Nov. 12 | 2,450 | 11.60 | 1966 | Jan. 15 | 3,480 | 14.03 | 1984 | Aug. 02 | 4,290 | 15.47 |
| 1949 | Nov. 28 | 7,550 | 20.50 | 1967 | Aug. 25 | 2,140 | 10.75 | 1985 | Feb. 06 | 4,830 | 16.59 |
| 1950 | Mar. 07 | 1,290 | 7.70 | 1968 | Aug. 02 | 1,430 | 8.29 | 1986 | Mar. 20 | 3,430 | 13.42 |
| 1951 | Apr. 23 | 1,380 | 8.13 | 1969 | Apr. 29 | 5,590 | 17.80 | 1987 | May 11 | 5,240 | 17.31 |
| 1952 | Mar. 05 | 5,700 | 18.00 | 1970 | Mar. 20 | 4,530 | 16.10 | 1988 | Apr. 25 | 3,500 | 13.58 |
| 1953 | May 01 | 7,790 | 20.80 | 1971 | Mar. 02 | 7,560 | 20.51 | 1989 | Dec. 31 | 2,240 | 10.16 |
| 1954 | Dec. 06 | 1,580 | 8.90 | 1972 | June 28 | 2,090 | 10.31 | 1990 | Mar. 18 | 7,640 | 20.62 |
| 1955 | Apr. 14 | 2,090 | 11.00 | 1973 | Apr. 07 | 6,210 | 18.73 | | | | |

ALTAMAHA RIVER BASIN

02214000 ECHECONNEE CREEK NEAR MACON, GEORGIA

LOCATION.--Lat 32°45'54", long 83°50'22", Crawford County, at Marshall Mill Bridge, 18 mi upstream of mouth, and 13 mi southwest of Macon.
DRAINAGE AREA.--147 $mi^2$ (formerly published as 100 $mi^2$).
GAGE.--Water-stage recorder prior to July 20, 1950; crest-stage gage thereafter. Datum of gage is 332.51 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 7,000 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 11 ft and 4,500 $ft^3/s$.
HISTORICAL DATA.--Flood of December 1964 is the highest since 1929, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Apr. 07 | 5,720 | 11.60 | 1957 | May 04 | 5,900 | 11.80 | 1969 | Apr. 18 | 4,160 | 10.68 |
| 1939 | Feb. 28 | 4,380 | 10.90 | 1958 | Apr. 06 | 4,060 | 10.60 | 1970 | Mar. 20 | 4,840 | 11.21 |
| 1940 | Feb. 18 | 3,620 | 10.30 | 1959 | Mar. 24 | 2,740 | 8.96 | 1971 | Mar. 02 | 2,590 | 8.73 |
| 1941 | July 12 | 1,710 | 6.95 | 1960 | Mar. 03 | 2,920 | 9.27 | 1972 | Dec. 03 | 1,670 | 6.92 |
| 1942 | Mar. 22 | 8,760 | 12.80 | 1961 | Feb. 25 | 9,840 | 13.40 | 1973 | Apr. 07 | 4,330 | 10.86 |
| 1943 | Mar. 21 | 8,160 | 12.60 | 1962 | Feb. 22 | 8,300 | 12.79 | 1974 | Feb. 15 | 3,120 | 9.57 |
| 1951 | Apr. 04 | 2,010 | 7.58 | 1963 | Jan. 20 | 5,900 | 11.78 | 1975 | Apr. 03 | 4,660 | 11.09 |
| 1952 | Mar. 24 | 6,400 | 12.00 | 1964 | Apr. 06 | 15,000 | 15.04 | 1976 | May 29 | 3,630 | 10.17 |
| 1953 | May 01 | 15,000 | 15.00 | 1965 | Dec. 26 | 18,500 | 15.84 | 1977 | Mar. 22 | 3,500 | 9.97 |
| 1954 | Dec. 05 | 2,010 | 7.61 | 1966 | Feb. 13 | 3,850 | 10.39 | 1978 | Jan. 26 | 7,960 | 12.65 |
| 1955 | Apr. 14 | 2,920 | 9.26 | 1967 | Dec. 29 | 1,760 | 7.11 | 1990 | Mar. 18 | 13,200 | 14.24c |
| 1956 | Sept.26 | 1,860 | 7.34 | 1968 | Mar. -- | 1,100 | --b | | | | |

02214280 SAVAGE CREEK NEAR BULLARD, GEORGIA

LOCATION.--Lat 32°35'34", long 83°28'11", Twiggs County, at bridge on U.S. Highway 23, 3 mi southeast of Bullard.
DRAINAGE AREA.--33 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 264 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 920 $ft^3/s$, and extended above on the basis of straight-line extension

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Feb. 24 | 1,370 | 10.47 | 1983 | Feb. 15 | 1,170 | 10.29 | 1987 | Mar. 01 | 486 | 9.31 |
| 1980 | Mar. 13 | 2,700 | 11.49 | 1984 | Mar. 02 | 188 | 8.39 | 1988 | Feb. 20 | 50 | 5.65 |
| 1981 | Apr. 02 | 524 | 9.38 | 1985 | Feb. 06 | 351 | 8.97 | 1989 | June 21 | 175 | 8.28 |
| 1982 | Feb. 04 | 1,250 | 10.36 | 1986 | Feb. 07 | 176 | 8.31 | 1990 | Feb. 10 | 91.0 | 7.58 |

## 02214500 BIG INDIAN CREEK AT PERRY, GEORGIA

LOCATION.--Lat 32°27'20", long 83°44'21", Houston County, at municipal waterworks at Perry, 300 ft downstream from bridge on U.S. Highway 41, and 1 mi downstream from Bay Creek.
DRAINAGE AREA.--108 $mi^2$.
GAGE.--Water-stage recorder prior to Aug. 1, 1971; crest-stage gage thereafter. Datum of gage is 279.39 ft above sea level, supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,600 $ft^3/s$. Bankfull stage and discharge, 4.5 ft and 400 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1944 | Mar. 23 | 3,000 | 8.60 | 1956 | Feb. 07 | 254 | 3.68 | 1968 | Dec. 11 | 208 | 3.58 |
| 1945 | Feb. 21 | 386 | 4.40 | 1957 | May 05 | 840 | 5.97 | 1969 | Aug. 03 | 315 | 4.36 |
| 1946 | Jan. 16 | 1,110 | 6.20 | 1958 | July 20 | 1,040 | 6.48 | 1970 | Mar. 31 | 3,040 | 9.50 |
| 1947 | Apr. 15 | 960 | 5.90 | 1959 | Feb. 05 | 568 | 5.13 | 1971 | Mar. 26 | 840 | 6.00 |
| 1948 | Feb. 10 | 820 | 5.60 | 1960 | Apr. 05 | 1,000 | 6.42 | 1972 | Jan. 14 | 1,510 | 7.28 |
| 1949 | Feb. 11 | 1,110 | 6.20 | 1961 | Apr. 01 | 1,280 | 7.04 | 1973 | Apr. 27 | 2,430 | 8.70 |
| 1950 | June 01 | 268 | 3.70 | 1962 | Jan. 06 | 2,410 | 9.02 | 1974 | June 14 | 591 | 5.35 |
| 1951 | Dec. 30 | 193 | 3.00 | 1963 | Jan. 21 | 625 | 5.35 | 1975 | Apr. 15 | 1,880 | 7.90 |
| 1952 | May 30 | 1,110 | 6.20 | 1964 | Apr. 09 | 2,190 | 8.70 | 1976 | May 15 | 1,850 | 7.82 |
| 1953 | June 27 | 490 | 4.75 | 1965 | Dec. 26 | 1,180 | 7.12 | 1977 | Mar. 23 | 940 | 6.20 |
| 1954 | Dec. 14 | 474 | 4.70 | 1966 | Mar. 04 | 4,820 | 11.52 | 1981 | Apr. 02 | 3,690 | 10.28c |
| 1955 | Apr. 15 | 1,420 | 7.34 | 1967 | Jan. 02 | 456 | 4.94 | | | | |

## 02214820 MOSSY CREEK NEAR PERRY, GEORGIA

LOCATION.--Lat 32°31'15", long 83°43'23", Houston-Peach County line, at bridge on U.S. Highway 41, 4.5 mi north of Perry.
DRAINAGE AREA.--92.9 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 300 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 760 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Mar. 25 | 442 | 7.16 | 1983 | Mar. 07 | -- | 9.35 | 1987 | June 17 | 492 | 7.34 |
| 1980 | Mar. 13 | 756 | 8.19 | 1984 | Aug. 02 | 603 | 7.71 | 1988 | Feb. 20 | 50 | 4.54 |
| 1981 | Apr. 01 | 788 | 8.27 | 1985 | Feb. 06 | 327 | 6.48 | 1989 | Apr. 11 | 150 | 5.33 |
| 1982 | Feb. 04 | 434 | 7.12 | 1986 | Dec. 13 | 242 | 5.93 | 1990 | Mar. 17 | 200 | 5.86 |

## 02215000 OCMULGEE RIVER AT HAWKINSVILLE, GEORGIA

LOCATION.--Lat 32°16'50", long 83°27'40", Pulaski County, at U.S. Highway 341, at Hawkinsville, and at mi 135.1.
DRAINAGE AREA.--3,800 $mi^2$, approximately.
GAGE.--Nonrecording from Aug. 13, 1908 to Apr. 1, 1916 at former site 600 ft upstream of present site and at datum 3.25 ft higher; from Apr. 1, 1916 to June 28, 1921 at former site and datum 0.75 ft lower; from June 28, 1921 to Oct. 3, 1959 at former site and present datum; from Oct. 3, 1959 at present site and datum. Datum of gage is 189.56 ft above sea level (from U.S. Geological Survey benchmark), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 68,000 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 14 ft and 10,000 $ft^3/s$.
HISTORICAL DATA.--Unpublished data (National Weather Service information) indicates that the flood of 1925 was probably the highest since 1841.
REMARKS.--Stage records for 1877, 1909-43, and 1960-90 from National Weather Service. Minor regulation of lower peak discharges from storage in Lloyd Shoals Reservoir (maximum flood-control storage, 78,000 acre-ft) since 1910.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1877 | Aug. -- | 70,500 | 34.90c | 1935 | Oct. 17 | 13,500 | 16.90 | 1962 | Mar. 16 | 25,000 | 23.20 |
| 1909 | Mar. 17 | 35,400 | 26.70 | 1936 | Apr. 12 | 61,000 | 33.00 | 1963 | Jan. 25 | 33,400 | 26.10 |
| 1910 | Mar. 06 | 18,800 | 20.30 | 1937 | May 05 | 25,800 | 23.50 | 1964 | Apr. 12 | 49,200 | 30.30 |
| 1911 | Apr. 19 | 5,920 | 9.20 | 1938 | Apr. 11 | 33,000 | 26.00 | 1965 | Dec. 30 | 19,300 | 20.60 |
| 1912 | Mar. 19 | 44,400 | 29.10 | 1939 | Mar. 04 | 37,900 | 27.40 | 1966 | Mar. 08 | 37,600 | 27.30 |
| 1913 | Mar. 19 | 52,000 | 31.00 | 1940 | Feb. 24 | 13,300 | 16.80 | 1967 | Jan. 05 | 16,500 | 19.00 |
| 1914 | Mar. 03 | 5,850 | 9.10 | 1941 | July 19 | 6,930 | 10.60 | 1968 | Mar. 18 | 18,000 | 19.90 |
| 1915 | Jan. 23 | 20,100 | 21.00 | 1942 | Mar. 25 | 57,000 | 32.10 | 1969 | Apr. 24 | 22,200 | 21.95 |
| 1916 | July 14 | 40,400 | 28.10 | 1943 | Mar. 25 | 41,600 | 28.40 | 1970 | Mar. 26 | 36,500 | 27.00 |
| 1917 | Mar. 09 | 27,000 | 24.00 | 1944 | Mar. 26 | 46,800 | 29.70 | 1971 | Mar. 07 | 55,600 | 32.10 |
| 1918 | Feb. 05 | 14,300 | 17.50 | 1945 | May 01 | 28,400 | 23.70 | 1972 | Jan. 16 | 36,500 | 27.00 |
| 1919 | Mar. 01 | 40,000 | 28.00 | 1946 | Jan. 12 | 37,100 | 26.70 | 1973 | Apr. 12 | 26,800 | 23.94 |
| 1920 | Dec. 15 | 45,200 | 29.30 | 1947 | Mar. 12 | 36,500 | 26.50 | 1974 | Feb. 20 | 23,800 | 22.70 |
| 1921 | Feb. 15 | 30,000 | 25.00 | 1948 | Feb. 15 | 28,200 | 24.40 | 1975 | Mar. 19 | 38,600 | 27.59 |
| 1922 | Mar. 14 | 44,000 | 29.00 | 1949 | Dec. 02 | 68,000 | 34.40 | 1976 | Mar. 22 | 34,400 | 26.40 |
| 1923 | June 02 | 30,300 | 25.10 | 1950 | Mar. 13 | 9,030 | 13.00 | 1977 | Mar. 25 | 19,900 | 20.91 |
| 1924 | Jan. 24 | 15,200 | 18.10 | 1951 | Apr. 29 | 7,010 | 10.70 | 1978 | Jan. 30 | 37,900 | 27.40 |
| 1925 | Jan. 21 | 79,000 | 36.50 | 1952 | Mar. 09 | 35,100 | 26.60 | 1979 | Mar. 01 | 39,600 | 27.90 |
| 1926 | Apr. 05 | 19,300 | 20.60 | 1953 | May 07 | 32,400 | 25.80 | 1980 | Mar. 16 | 35,100 | 26.60 |
| 1927 | Mar. 16 | 7,580 | 11.40 | 1954 | Dec. 18 | 13,500 | 16.90 | 1983 | Apr. 14 | 30,600 | 25.20 |
| 1928 | Aug. 19 | 42,400 | 28.60 | 1955 | Apr. 20 | 10,900 | 14.80 | 1984 | Aug. 06 | 28,500 | 24.50 |
| 1929 | Mar. 08 | 70,500 | 34.90 | 1956 | Mar. 22 | 17,700 | 19.70 | 1985 | Feb. 11 | 26,800 | 23.90 |
| 1930 | Oct. 06 | 50,000 | 30.50 | 1957 | Apr. 11 | 18,200 | 20.00 | 1986 | Mar. 26 | 11,100 | 14.96 |
| 1931 | Nov. 22 | 12,200 | 15.90 | 1958 | Mar. 12 | 19,000 | 20.40 | 1987 | Mar. 06 | 26,800 | 23.90 |
| 1932 | Jan. 13 | 16,200 | 18.80 | 1959 | June 07 | 17,400 | 19.50 | 1988 | Feb. 11 | 7,110 | 10.83 |
| 1933 | Feb. 25 | 19,900 | 20.90 | 1960 | Apr. 05 | 26,000 | 23.60 | 1989 | Apr. 15 | 12,800 | 16.40 |
| 1934 | Mar. 10 | 17,400 | 19.50 | 1961 | Mar. 02 | 48,000 | 30.00 | 1990 | Mar. 22 | 49,600 | 30.40 |

## 02215100 TUCSAWHATCHEE CREEK NEAR HAWKINSVILLE, GEORGIA

LOCATION.--Lat 32°14'22", long 83°30'06", Pulaski County, on left bank 90 ft upstream from State Highways 27 and 257, 0.6 mi upstream from Cedar Creek, 0.6 mi downstream from Long Branch, and 3.5 mi southwest of Hawkinsville. Also known as Big Creek.
DRAINAGE AREA.--163 $mi^2$.
GAGE.--Water-stage recorder. Dec. 6, 1984 to Apr. 1, 1986, crest-stage gage at site 100 ft downstream at a datum 3.0 ft higher. Datum of gage is 210.49 ft above sea level (levels from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,600 $ft^3/s$.
REMARKS.--Gage heights prior to 1986 have been adjusted to present datum.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1984 | May 30 | 2,050 | 11.11 | 1987 | Jan. 20 | 2,760 | 11.94 | 1989 | June 10 | 1,490 | 9.64 |
| 1985 | Feb. 07 | 1,520 | 9.77 | 1988 | Mar. 11 | 358 | 5.49 | 1990 | Jan. 08 | 1,810 | 10.32 |
| 1986 | Dec. 14 | 820 | 7.62 | | | | | | | | |

## 02215220 OCMULGEE RIVER TRIBUTARY NEAR ABBEVILLE, GEORGIA

LOCATION.--Lat 32°06'53", long 83°24'12", Wilcox County, at culvert on U.S. Highway 129, 10 mi northwest of Abbeville.
DRAINAGE AREA.--2.92 $mi^2$.
GAGE.--Flood stage/rainfall recorder. Datum of gage is about 201 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 120 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Feb. 18 | 116 | 2.68 | 1969 | Aug. 04 | 10.0 | 1.23 | 1973 | Feb. 02 | 81.0 | 2.38 |
| 1966 | Mar. 04 | 156 | 2.97 | 1970 | Mar. 31 | 135 | 2.83 | 1974 | Sept.07 | 37.0 | 1.83 |
| 1967 | Feb. 07 | 63.0 | 2.18 | 1971 | Mar. 03 | 63.0 | 2.19 | 1975 | Apr. 14 | 123 | 3.28 |
| 1968 | Jan. -- | 2.0 | --b | 1972 | Feb. 03 | 59.0 | 2.13 | | | | |

## 02215230 CEDAR CREEK NEAR PINEVIEW, GEORGIA

LOCATION.--Lat 32°05'34", long 83°30'12", Wilcox County, at culvert on State Highway 112, 1.5 mi south of Pineview.
DRAINAGE AREA.--7.80 $mi^2$.
GAGE.--Flood stage/rainfall recorder. Datum of gage is about 253 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 630 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Feb. 18 | 282 | 3.93 | 1969 | Aug. 04 | 406 | 4.31 | 1973 | Feb. 02 | 766 | 5.06 |
| 1966 | Mar. 03 | 680 | 4.91 | 1970 | Mar. 31 | 305 | 4.01 | 1974 | Apr. 05 | 172 | 3.46 |
| 1967 | Feb. 07 | 190 | 3.55 | 1971 | Mar. 03 | 128 | 3.21 | 1975 | Apr. 14 | 860 | 5.21 |
| 1968 | Jan. -- | 6.0 | --b | 1972 | Jan. 14 | 153 | 3.36 | | | | |

## 02215245 FOLSOM CREEK TRIBUTARY NEAR ROCHELLE, GEORGIA

LOCATION.--Lat 32°00'15", long 83°25'58", Wilcox County, at culvert on State Highway 233, 4 mi north of Rochelle.
DRAINAGE AREA.--1.44 $mi^2$.
GAGE.--Flood stage/rainfall recorder prior to 1975; crest-stage gage thereafter. Datum of gage is about 260 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 46 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | July 21 | 244 | 4.74 | 1973 | Apr. 01 | 89 | 2.66 | 1982 | Feb. 16 | 138 | 3.36 |
| 1965 | July 12 | 80 | 2.51 | 1974 | Apr. 05 | 59 | 2.19 | 1983 | Mar. 06 | 156 | 3.62 |
| 1966 | Feb. 28 | 121 | 3.11 | 1975 | Apr. 14 | 245 | 4.76 | 1984 | Mar. 05 | 121 | 3.11 |
| 1967 | Feb. 07 | 50 | 2.06 | 1976 | May 01 | 52 | 2.08 | 1985 | Aug. 29 | 3 | 0.77 |
| 1968 | Aug. -- | 2.0 | --b | 1977 | Dec. 28 | 153 | 3.56 | 1986 | Dec. 13 | 281 | 5.16 |
| 1969 | Aug. 04 | 39 | 1.89 | 1978 | Apr. 13 | 259 | 4.91 | 1987 | Mar. 01 | 207 | 4.29 |
| 1970 | Aug. 11 | 434 | 7.16 | 1979 | Feb. 24 | 295 | 5.31 | 1988 | Feb. 19 | 19.0 | 1.53 |
| 1971 | Mar. 03 | 246 | 4.77 | 1980 | Mar. 13 | 177 | 3.91 | 1989 | June 21 | 45.0 | 1.98 |
| 1972 | Jan. 05 | 110 | 2.96 | 1981 | Apr. 01 | 18 | 1.55 | 1990 | Jan. 09 | 41.0 | 1.93 |

## 02215280 BALL CREEK TRIBUTARY NEAR ROCHELLE, GEORGIA
(formerly published as "Little House Creek Tributary near Rebecca, Georgia")

LOCATION.--Lat 31°49'57", long 83°22'05", Ben Hill County, at culvert on State Highway 90, 7.5 mi east of Rebecca.
DRAINAGE AREA.--2.45 $mi^2$.
GAGE.--Crest-stage gage prior to Aug. 20, 1964; flood-stage recorder, Aug. 20, 1964 to Dec. 1, 1967; flood-stage/rainfall recorder, Dec. 1, 1967 to Aug. 20, 1970; and water-stage/rainfall recorder thereafter. Datum of gage is about 260 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 100 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Peak discharges for 1961 and 1964 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | Apr. 02 | 775 | 9.50 | 1966 | Mar. 04 | 254 | 4.65 | 1972 | June 25 | 116 | 3.07 |
| 1961 | Apr. 15 | 175 | -- | 1967 | Feb. 07 | 150 | 3.49 | 1973 | Apr. 01 | 212 | 4.18 |
| 1962 | Feb. -- | 50 | --b | 1968 | Jan. 01 | 16 | 1.20 | 1974 | Sept.17 | 331 | 5.50 |
| 1963 | July 09 | 440 | 6.61 | 1969 | Aug. 22 | 290 | 5.04 | 1975 | Apr. 15 | 334 | 5.53 |
| 1964 | June 25 | 530 | -- | 1970 | July 04 | 364 | 5.84 | 1976 | Mar. 15 | 28 | 1.56 |
| 1965 | Feb. 26 | 146 | 3.40 | 1971 | Mar. 26 | 79 | 2.57 | 1977 | Dec. 28 | 244 | 4.53 |

## 02215500 OCMULGEE RIVER AT LUMBER CITY, GEORGIA

LOCATION.--Lat 31°55'06", long 82°40'26", Telfair-Jeff Davis County line, near left bank on downstream end of pier of bridge on U.S. Highway 341 at Lumber City, 500 ft downstream from Southern Railway bridge, 1 mi upstream from Little Ocmulgee River, and 12 mi upstream from confluence with Oconee River.

DRAINAGE AREA.--5,180 $mi^2$, approximately.

GAGE.--Water-stage recorder. Datum of gage is 87.48 ft above sea level (from U.S. Coast and Geodetic Survey benchmark). Prior to Nov. 8, 1937, nonrecording gage at same site and datum.

STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 67,000 $ft^3/s$, and extended above on the basis of records of peak flow for stations on Oconee, Ocmulgee, and Altamaha Rivers. Stage-discharge record affected by backwater after rises of over 19 ft. Bankful stage and discharge, 15 ft and 25,000 $ft^3/s$.

REMARKS.--Stage records for 1909-36 from National Weather Service. Minor regulation of lower peak discharges from storage in Lloyd Shoals Reservoir (maximum flood-control storage, 78,000 acre-ft) since 1910.

HISTORICAL DATA.--Flood of March 1891 was highest known flood by local residents at the time the gage was installed in 1918. Unpublished National Weather Service information indicates that the flood of 1925 was probably the highest since at least 1841.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1891 | Mar. -- | 65,200 | 22.00a,c | 1936 | Apr. 15 | 69,500 | 22.70a | 1964 | Apr. 18 | 48,900 | 19.00 |
| 1909 | Mar. 23 | 39,800 | 17.70 | 1937 | May 11 | 20,700 | 14.20 | 1965 | Jan. 06 | 29,200 | 16.00 |
| 1910 | Mar. 12 | 14,200 | 12.10 | 1938 | Apr. 17 | 34,500 | 16.80 | 1966 | Mar. 10 | 51,900 | 19.40 |
| 1911 | Aug. 31 | 36,600 | 17.20 | 1939 | Mar. 09 | 43,800 | 18.30 | 1967 | Jan. 12 | 21,900 | 14.49 |
| 1912 | Mar. 24 | 50,900 | 19.30 | 1940 | Mar. 01 | 12,800 | 11.60 | 1968 | Mar. 26 | 12,800 | 11.68 |
| 1913 | Mar. 22 | 58,300 | 21.10a | 1941 | July 24 | 8,980 | 9.35 | 1969 | May 02 | 15,900 | 12.77 |
| 1914 | Mar. 09 | 9,960 | 9.80 | 1942 | Mar. 31 | 52,600 | 19.50 | 1970 | Apr. 02 | 39,000 | 18.27 |
| 1915 | Jan. 29 | 18,200 | 13.50 | 1943 | Mar. 30 | 40,500 | 17.80 | 1971 | Mar. 13 | 49,000 | 20.19 |
| 1916 | July 19 | 36,600 | 17.20 | 1944 | Mar. 31 | 60,500 | 20.50 | 1972 | Jan. 23 | 35,000 | 16.95 |
| 1917 | Apr. 06 | 25,100 | 15.20 | 1945 | May 08 | 19,200 | 13.80 | 1973 | Apr. 12 | 26,200 | 15.41 |
| 1918 | Feb. 13 | 12,700 | 11.40 | 1946 | Jan. 19 | 34,000 | 16.80 | 1974 | Feb. 27 | 21,700 | 14.46 |
| 1919 | Mar. 05 | 47,500 | 18.80 | 1947 | Mar. 18 | 32,700 | 16.60 | 1975 | Mar. 25 | 48,200 | 19.50 |
| 1920 | Apr. 07 | 34,000 | 16.80 | 1948 | Apr. 03 | 48,200 | 18.90 | 1976 | Mar. 28 | 28,900 | 15.95 |
| 1921 | Feb. 21 | 24,100 | 15.00 | 1949 | Dec. 08 | 70,000 | 22.70a | 1977 | Apr. 01 | 23,600 | 14.89 |
| 1922 | Mar. 16 | 45,400 | 18.50 | 1950 | Mar. 19 | 10,200 | 10.00 | 1978 | Feb. 05 | 43,400 | 18.22 |
| 1923 | June 07 | 36,600 | 17.20 | 1951 | Apr. 01 | 11,000 | 10.50 | 1979 | Mar. 06 | 42,500 | 18.09 |
| 1924 | Mar. 08 | 19,900 | 14.00 | 1952 | Mar. 15 | 34,000 | 16.80 | 1980 | Mar. 21 | 42,100 | 18.73 |
| 1925 | Jan. 21 | 98,400 | 26.30a | 1953 | May 13 | 35,300 | 17.00 | 1981 | Feb. 24 | 17,800 | 13.99 |
| 1926 | Apr. 11 | 17,800 | 13.40 | 1954 | Dec. 26 | 16,600 | 13.00 | 1982 | Feb. 15 | 24,500 | 15.08 |
| 1927 | July 30 | 11,200 | 10.60 | 1955 | Sept.17 | 11,400 | 10.70 | 1983 | Apr. 19 | 30,100 | 16.17 |
| 1928 | Aug. 21 | 56,500 | 20.30a | 1956 | Mar. 31 | 14,700 | 12.30 | 1984 | Mar. 09 | 22,500 | 14.65 |
| 1929 | Mar. 11 | 75,800 | 23.50a | 1957 | Apr. 19 | 15,200 | 12.50 | 1985 | Feb. 18 | 20,100 | 14.05 |
| 1930 | Oct. 10 | 54,700 | 20.00a | 1958 | Mar. 16 | 24,600 | 14.80 | 1986 | Feb. 13 | 14,900 | 12.45 |
| 1931 | Nov. 21 | 11,400 | 10.70 | 1959 | Mar. 17 | 17,200 | 13.20 | 1987 | Mar. 11 | 25,900 | 15.33 |
| 1932 | Jan. 20 | 12,900 | 11.50 | 1960 | Apr. 09 | 39,000 | 18.20 | 1988 | Mar. 12 | 9,880 | 10.16 |
| 1933 | Mar. 03 | 20,300 | 14.10 | 1961 | Mar. 08 | 43,500 | 18.90 | 1989 | Apr. 21 | 12,000 | 11.28 |
| 1934 | Mar. 18 | 18,800 | 13.70 | 1962 | Mar. 07 | 22,300 | 14.60 | 1990 | Mar. 28 | 41,500 | 17.98 |
| 1935 | Mar. 26 | 10,100 | 9.90 | 1963 | Feb. 01 | 26,600 | 15.50 | | | | |

## 02215800 GUM SWAMP CREEK NEAR CHAUNCEY, GEORGIA

LOCATION.--Lat 32°07'28", long 83°03'37", Dodge County, at bridge on State Highway 165, 1.6 mi north of Chauncey.
DRAINAGE AREA.--221 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 182 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,720 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--This stream is called "Little Ocmulgee River" on county maps.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1984 | Mar. 06 | 1,850 | 7.51 | 1987 | Jan. 20 | 4,740 | 9.33 | 1989 | Apr. 11 | 710 | 6.23 |
| 1985 | Mar. 17 | 1,700 | 7.38 | 1988 | Apr. 17 | 637 | 6.11 | 1990 | Jan. 09 | 1,430 | 7.13 |
| 1986 | Dec. 14 | 1,420 | 7.22 | | | | | | | | |

## 02216000 LITTLE OCMULGEE RIVER AT TOWNS, GEORGIA

LOCATION.--Lat 32°00'28", long 82°45'10", Telfair County, at State Highway 134, at Towns.
DRAINAGE AREA.--351 $mi^2$ (formerly published as 329 $mi^2$).
GAGE.--Nonrecording prior to December 1946; crest-stage gage after March 15, 1949. Datum of gage is 108.06 ft above sea level (levels from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,100 $ft^3/s$, and extended above on the basis of slope-conveyance estimates. Bankfull stage and discharge, 10 ft and 1,100 $ft^3/s$.
HISTORICAL DATA.--Flood stages of 1925 and 1948, based on information furnished by local residents. Flood stage of 1929, based on information furnished by the Georgia Department of Transportation. Flood of Dec. 1949, from floodmark. Flood of 1925 thought to be the highest since 1841, based on information from nearby stations.
REMARKS.--Peak discharges for 1925 and 1929 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. -- | 15,000 | 20.40c | 1952 | Mar. 15 | 1,460 | 10.90 | 1966 | Mar. 05 | 5,250 | 16.25 |
| 1929 | Mar. -- | 8,500 | 17.30c | 1953 | Sept.24 | 2,710 | 13.30 | 1967 | Jan. 04 | 1,840 | 11.79 |
| 1938 | Apr. 13 | 2,200 | 12.00 | 1954 | Dec. 26 | 1,540 | 11.10 | 1968 | Apr. -- | 786 | --b |
| 1939 | Mar. 03 | 4,980 | 14.60 | 1955 | Apr. 15 | 1,030 | 9.48 | 1969 | Mar. 18 | 969 | 9.28 |
| 1940 | July 22 | 1,880 | 11.20 | 1956 | Feb. 08 | 1,620 | 11.30 | 1970 | Apr. 01 | 3,350 | 14.17 |
| 1941 | July 22 | 2,150 | 11.90 | 1957 | May 16 | 1,360 | 10.60 | 1971 | Mar. 27 | 3,700 | 14.68 |
| 1942 | Dec. 27 | 7,480 | 16.00 | 1958 | Mar. 14 | 3,400 | 14.00 | 1972 | Feb. 03 | 2,750 | 13.38 |
| 1943 | Jan. 23 | 5,040 | 14.80 | 1959 | Mar. 09 | 2,320 | 12.70 | 1973 | Feb. 02 | 3,260 | 14.07 |
| 1944 | Apr. 19 | 4,750 | 14.60 | 1960 | Apr. 06 | 6,100 | 17.00 | 1974 | Feb. 17 | 1,750 | 11.61 |
| 1945 | Mar. 01 | 1,260 | 9.40 | 1961 | Apr. 15 | 2,710 | 13.30 | 1975 | Apr. 16 | 3,300 | 14.13 |
| 1946 | Jan. 23 | 1,760 | 10.90 | 1962 | Apr. 01 | 1,750 | 11.55 | 1976 | May 16 | 1,290 | 10.41 |
| 1948 | Apr. 04 | 7,080 | 16.00 | 1963 | July 09 | 1,990 | 12.11 | 1977 | Mar. 15 | 2,690 | 13.27 |
| 1949 | Dec. 09 | 2,110 | 11.80 | 1964 | Mar. 05 | 3,680 | 14.60 | 1978 | Jan. 27 | 3,100 | 13.85 |
| 1951 | Mar. 31 | 1,290 | 10.40 | 1965 | Feb. 18 | 4,400 | 15.40 | | | | |

## 02216100 ALLIGATOR CREEK NEAR ALAMO, GEORGIA

LOCATION.--Lat 32°01'35", long 82°41'44", Wheeler County, at State Highway 134, 9.5 mi southeast of Alamo.
DRAINAGE AREA.--255 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 109.7 ft above sea level (levels from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,500 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 10 ft and 1,100 $ft^3/s$.
HISTORICAL DATA.--Flood stage of 1929 based on information furnished by the Georgia Department of Transportation. The flood of 1929 was the highest since 1925, based on nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. -- | 5,000 | 15.40c | 1956 | Feb. 08 | 1,100 | 9.93 | 1962 | Apr. 01 | 1,280 | 10.61 |
| 1951 | Mar. 31 | 1,260 | 10.50 | 1957 | May 16 | 1,180 | 10.20 | 1963 | July 09 | 2,100 | 12.69 |
| 1952 | Mar. 24 | 1,180 | 10.20 | 1958 | Mar. 10 | 2,300 | 13.00 | 1964 | Feb. 20 | 3,140 | 14.10 |
| 1953 | Sept.30 | 2,230 | 12.90 | 1959 | Mar. 09 | 1,840 | 12.20 | 1965 | Feb. 18 | 3,900 | 14.90 |
| 1954 | Jan. 01 | 1,130 | 9.99 | 1960 | Apr. 06 | 5,500 | 16.20 | 1966 | Mar. 05 | 5,500 | 16.22 |
| 1955 | Sept.15 | 860 | 8.71 | 1961 | Apr. 15 | 1,390 | 11.00 | | | | |

## 02216180 TURNPIKE CREEK NEAR MCRAE, GEORGIA

LOCATION.--Lat 31°59'29", long 82°55'19", Telfair County, on downstream side of bridge of U.S. Highways 319 and 441, 4.8 mi south of McRae.
DRAINAGE AREA.--49.2 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 173.17 ft above sea level (levels from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,200 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1983 | Mar. 07 | 2,170 | 10.51 | 1986 | Nov. 22 | 2,220 | 10.56 | 1989 | July 31 | 359 | 7.38 |
| 1984 | May 04 | 1,640 | 9.92 | 1987 | Mar. 01 | 1,260 | 9.20 | 1990 | Jan. 08 | 1,420 | 9.64 |
| 1985 | Aug. 31 | 294 | 7.11 | 1988 | Apr. 19 | 836 | 8.68 | | | | |

## 02216610 TILLMAN MILL CREEK NEAR LUMBER CITY, GEORGIA
(Formerly published as "Ocmulgee River Tributary near Lumber City, Georgia")

LOCATION.--Lat 31°58'53", long 82°38'32", Wheeler County, at culvert on State Highway 19, 4.7 mi upstream from mouth, and 4.8 mi northeast of Lumber City.
DRAINAGE AREA.--2.71 $mi^2$.
GAGE.--Prior to Mar. 19, 1969, flood-stage recorder; Mar. 19, 1968 to Sept. 10, 1970, flood-stage/rainfall recorder; water-stage/rainfall recorder thereafter. Prior to Oct. 1, 1974, at datum 2.0 ft lower. Datum of gage is about 170 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 430 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | May 23 | 1,070 | 9.59 | 1973 | Apr. 07 | 426 | 6.27 | 1980 | Mar. 30 | 93 | 4.09 |
| 1967 | Jan. 02 | 65 | 3.87 | 1974 | Feb. 16 | 77 | 3.96 | 1981 | Apr. 01 | 544 | 6.91 |
| 1968 | July 10 | 56 | 3.79 | 1975 | Apr. 14 | 236 | 5.14 | 1982 | Feb. 12 | 184 | 4.79 |
| 1969 | May 19 | 179 | 4.76 | 1976 | May 16 | 166 | 4.66 | 1983 | Feb. 14 | 131 | 4.45 |
| 1970 | Mar. 21 | 388 | 6.05 | 1977 | Mar. 13 | 491 | 6.63 | 1984 | May 03 | 358 | 5.92 |
| 1971 | Aug. 29 | 960 | 9.05 | 1978 | Jan. 25 | 411 | 6.25 | 1985 | Aug. 28 | 365 | 5.96 |
| 1972 | July 17 | 197 | 4.88 | 1979 | Feb. 23 | 119 | 4.30 | | | | |

## 02217000 ALLEN CREEK AT TALMO, GEORGIA

LOCATION.--Lat 34°11'34", long 83°43'11", Jackson County, 400 ft upstream from bridge on State Highway 11, 5 mi upstream from confluence with Pond Fork, and 0.5 mi north of Talmo, .
DRAINAGE AREA.--17.3 $mi^2$.
GAGE.--Water-stage recorder prior to Oct. 1, 1971; crest-stage gage thereafer. Datum of gage is 784.42 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,300 $ft^3/s$, and extended above on the basis of contracted-opening measurements at 3,820 and 4,300 $ft^3/s$. Bankfull stage and discharge, 11 ft and 3,000 $ft^3/s$.
REMARKS.--Flood of May 1976 was the highest since 1948, based on information from nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1952 | Mar. 10 | 2,330 | 11.50 | 1960 | Feb. 05 | 536 | 4.60 | 1968 | Mar. 12 | 645 | 3.89 |
| 1953 | July 04 | 744 | 6.20 | 1961 | Feb. 21 | 3,820 | 12.60 | 1969 | Aug. 22 | 2,810 | 10.76 |
| 1954 | Jan. 16 | 1,140 | 8.30 | 1962 | Dec. 12 | 1,410 | 9.34 | 1970 | Mar. 19 | 552 | 3.84 |
| 1955 | Feb. 06 | 1,070 | 8.00 | 1963 | Apr. 30 | 1,680 | 10.10 | 1971 | Mar. 03 | 682 | 4.33 |
| 1956 | Mar. 16 | 880 | 7.50 | 1964 | Mar. 26 | 2,270 | 11.42 | 1972 | Jan. 10 | 1,520 | 7.46 |
| 1957 | Apr. 05 | 472 | 4.20 | 1965 | Apr. 25 | 1,340 | 9.11 | 1973 | Mar. 16 | 1,980 | 8.67 |
| 1958 | July 06 | 780 | 6.50 | 1966 | Mar. 04 | 2,760 | 12.03 | 1974 | Dec. 31 | 1,510 | 7.42 |
| 1959 | July 11 | 552 | 4.70 | 1967 | June 04 | 4,300 | 13.30 | 1976 | May 29 | 4,600 | 13.50c |

## 02217200 MIDDLE OCONEE RIVER NEAR JEFFERSON, GEORGIA

LOCATION.--Lat 34°05'46", long 83°36'23", Jackson County, at State Highway 11, 2.2 mi southwest of Jefferson.
DRAINAGE AREA.--135 $mi^2$ (revised).
GAGE.--Crest-stage gage. Datum of gage is about 660 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 7,400 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 7 ft and 1,500 $ft^3/s$.
REMARKS.--Flood of May 1976 was the highest since 1948, based on information from nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Oct. 22 | 3,500 | 8.25 | 1957 | Apr. 06 | 3,600 | 8.29 | 1962 | Dec. 13 | 7,000 | 12.00 |
| 1952 | Mar. 24 | 6,640 | 11.80 | 1958 | Apr. 15 | 2,580 | 7.38 | 1963 | June 27 | 7,100 | 12.88 |
| 1953 | Jan. 10 | 3,500 | 8.22 | 1959 | May 30 | 1,360 | 6.93 | 1964 | Apr. 09 | 7,800 | 12.74 |
| 1954 | Jan. 19 | 5,920 | 10.90 | 1960 | Jan. 31 | 2,370 | 7.25 | 1965 | Dec. 25 | 4,260 | 8.94 |
| 1955 | Feb. 07 | 4,930 | 9.70 | 1961 | Feb. 25 | 9,000 | 13.90 | 1976 | May 29 | 11,000 | 15.00c |
| 1956 | Mar. 16 | 5,280 | 10.10 | | | | | | | | |

## 02217250 BUFFALO CREEK TRIBUTARY NEAR JEFFERSON, GEORGIA

LOCATION.--Lat 34°05'00", long 83°38'01", Jackson County, at culvert on State Highway 11, 4 mi southwest of Jefferson.
DRAINAGE AREA.--0.39 $mi^2$.
GAGE.--Flood-stage recorder. Datum of gage is about 760 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 25 | 169 | 4.53 | 1969 | Aug. 22 | 115 | 3.64 | 1973 | May 28 | 136 | 3.99 |
| 1965 | Mar. -- | 38 | --b | 1970 | Mar. 19 | 23 | 1.64 | 1974 | Dec. 31 | 104 | 3.43 |
| 1966 | Mar. 04 | 88 | 3.13 | 1971 | July 06 | 224 | 5.33 | 1975 | Mar. 13 | 94 | 3.24 |
| 1967 | June 04 | 222 | 5.30 | 1972 | Jan. 10 | 80 | 2.97 | 1976 | May 29 | 318 | 6.63 |
| 1968 | Mar. 12 | 84 | 3.04 | | | | | | | | |

## 02217380 MULBERRY RIVER NEAR WINDER, GEORGIA

LOCATION.--Lat 34°03'08", long 83°39'49", Barrow-Jackson County line, at bridge on State Highway 11, 4.5 mi northeast of Winder.
DRAINAGE AREA.--142 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 675 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,600 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 11 ft and 2,700 $ft^3/s$.
REMARKS.--Flood stage from 1976 flood from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | May 30 | 4,640 | 12.79 | 1986 | June 00 | 1,200 | --b | 1989 | June 21 | 2,560 | 10.79 |
| 1984 | Dec. 06 | 5,710 | 13.79 | 1987 | Mar. 01 | 3,780 | 12.08 | 1990 | Oct. 01 | 3,980 | 12.58 |
| 1985 | Nov. 27 | 2,700 | 10.78 | 1988 | Jan. 20 | 1,670 | 9.31 | | | | |

## 02217400 MULBERRY RIVER TRIBUTARY NEAR WINDER, GEORGIA

LOCATION.--Lat 34°03'53", long 83°39'45", Jackson County, at culvert on State Highway 11, 6 mi northeast of Winder.
DRAINAGE AREA.--2.68 $mi^2$.
GAGE.--Flood-stage recorder prior to Sept. 30, 1975; crest-stage gage thereafter. Datum of gage is about 740 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 89 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Peak discharge for 1980 is an estimate.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | July 14 | 518 | 3.38 | 1974 | Dec. 31 | 352 | 2.77 | 1983 | Feb. 02 | 360 | 2.80 |
| 1966 | Mar. 04 | 556 | 3.52 | 1975 | Mar. 14 | 529 | 3.42 | 1984 | Dec. 06 | 445 | 3.12 |
| 1967 | June 04 | 748 | 4.27 | 1976 | May 29 | 785 | 4.43 | 1985 | Nov. 27 | 221 | 2.24 |
| 1968 | Mar. 12 | 433 | 3.08 | 1977 | May 00 | 278 | --b | 1986 | Mar. -- | 280 | --b |
| 1969 | Apr. 18 | 656 | 3.90 | 1978 | Jan. 25 | 386 | 2.90 | 1987 | Mar. 01 | 447 | 3.13 |
| 1970 | Mar. 19 | 303 | 2.58 | 1979 | Apr. 13 | 492 | 3.29 | 1988 | Jan. 20 | 269 | 2.44 |
| 1971 | Mar. 03 | 417 | 3.02 | 1980 | Mar. 28 | 400 | 3.32 | 1989 | June 21 | 496 | 3.34 |
| 1972 | Jan. 10 | 407 | 2.98 | 1981 | Mar. -- | 280 | --b | 1990 | Feb. 10 | 1,690 | 7.31 |
| 1973 | Mar. 31 | 300 | 2.57 | 1982 | Jan. 04 | 290 | 2.53 | | | | |

## 02217450 MULBERRY RIVER TRIBUTARY NO. 2, NEAR JEFFERSON, GEORGIA

LOCATION.--Lat 34°04'38", long 83°38'53", Jackson County, at culvert on State Highway 11, 5 mi southwest of Jefferson.
DRAINAGE AREA.--0.72 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 770 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 165 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | July 15 | 170 | 2.74 | 1969 | Aug. 22 | 277 | 4.24 | 1973 | May 28 | 158 | 2.44 |
| 1966 | Mar. 04 | 168 | 2.70 | 1970 | Aug. 19 | 62 | 1.39 | 1974 | Dec. 31 | 180 | 3.00 |
| 1967 | June 04 | 385 | 5.45 | 1971 | July 06 | 218 | 3.50 | 1976 | May 29 | 400 | 5.60c |
| 1968 | Mar. 12 | 229 | 3.64 | 1972 | Jan. 10 | 166 | 2.65 | | | | |

## 02217500 MIDDLE OCONEE RIVER NEAR ATHENS, GEORGIA

LOCATION.--Lat 33°56'48", long 83°25'22", Clarke County, on left bank 0.5 mi upstream from U.S. Highway 78 and U.S. Highway (Business) 29, 5 mi upstream from Barber Creek, and 2 mi west of Athens.
DRAINAGE AREA.--398 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 555.56 ft above sea level (from U.S. Coast and Geodetic Survey benchmark), supplementary adjustment of 1936. Oct. 11, 1901 to Oct. 25, 1902, nonrecording gage at site 1 mi upstream at different datum. Jan. 16, 1929 to Mar. 15, 1932, and Apr. 29, 1937 to Sept. 30, 1940, water-stage recorder at site 4 mi downstream at different datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 13,800 $ft^3/s$ at present site. Defined by current-meter measurements throughout range at former site. Bankfull stage and discharge at present site, 12 ft and 5,200 $ft^3/s$.
HISTORICAL DATA.--Flood of 1902 is thought to be the highest since that time, based on information from local residents.
REMARKS.--Records for 1929-31 from the U.S. Army Corps of Engineers.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1902 | Feb. 28 | 19,600 | 25.50c | 1954 | Jan. 18 | 7,870 | 14.00 | 1973 | Mar. 18 | 7,490 | 15.10 |
| 1929 | Mar. 05 | 11,800 | 23.60 | 1955 | Feb. 08 | 5,600 | 11.00 | 1974 | Jan. 02 | 9,780 | 17.48 |
| 1930 | Oct. 02 | 9,500 | 21.30 | 1956 | Mar. 18 | 6,840 | 12.70 | 1975 | Mar. 14 | 9,580 | 17.28 |
| 1938 | July 26 | 5,160 | 19.60 | 1957 | Apr. 07 | 4,280 | 9.10 | 1976 | May 30 | 12,900 | 20.62 |
| 1939 | Aug. 19 | 8,420 | 23.00 | 1958 | Apr. 17 | 2,560 | 5.40 | 1977 | Mar. 31 | 5,050 | 11.92 |
| 1940 | Aug. 14 | 5,930 | 20.30 | 1959 | May 31 | 6,120 | 11.70 | 1978 | Nov. 07 | 12,500 | 20.10 |
| 1941 | July 06 | 3,000 | 6.80 | 1960 | Jan. 31 | 3,800 | 8.20 | 1979 | Apr. 15 | 12,300 | 19.96 |
| 1942 | Mar. 23 | 8,000 | 13.80 | 1961 | Feb. 26 | 12,200 | 18.20 | 1980 | Mar. 30 | 7,070 | 14.59 |
| 1943 | Apr. 20 | 8,900 | 14.70 | 1962 | Dec. 14 | 8,570 | 14.80 | 1981 | Feb. 12 | 3,520 | 9.25 |
| 1944 | Mar. 31 | 5,680 | 11.10 | 1963 | June 28 | 11,900 | 17.98 | 1982 | Jan. 05 | 8,290 | 16.05 |
| 1945 | Apr. 25 | 4,880 | 10.00 | 1964 | Apr. 08 | 12,600 | 18.54 | 1983 | Apr. 10 | 5,890 | 13.08 |
| 1946 | Jan. 07 | 8,400 | 14.80 | 1965 | Dec. 27 | 5,080 | 11.25 | 1984 | Dec. 07 | 8,300 | 16.06 |
| 1947 | Jan. 21 | 7,800 | 14.00 | 1966 | Mar. 05 | 10,200 | 17.95 | 1985 | Feb. 07 | 3,090 | 8.28 |
| 1948 | Feb. 10 | 5,230 | 10.50 | 1967 | June 06 | 9,550 | 17.25 | 1986 | Nov. 30 | 2,030 | 6.00 |
| 1949 | Nov. 30 | 14,200 | 19.60 | 1968 | Mar. 14 | 5,010 | 11.85 | 1987 | Mar. 02 | 8,080 | 15.81 |
| 1950 | June 01 | 1,500 | 2.98 | 1969 | Jan. 21 | 13,000 | 20.54 | 1988 | Jan. 21 | 3,640 | 9.34 |
| 1951 | Oct. 22 | 3,410 | 7.60 | 1970 | Mar. 21 | 5,330 | 12.33 | 1989 | June 22 | 5,930 | 13.14 |
| 1952 | Dec. 23 | 9,110 | 15.40 | 1971 | Mar. 04 | 7,380 | 14.97 | 1990 | Mar. 18 | 13,700 | 20.84 |
| 1953 | Jan. 11 | 5,520 | 10.90 | 1972 | Jan. 12 | 11,300 | 18.96 | | | | |

## 02217505 BROOKLYN CREEK AT ATHENS, GEORGIA

LOCATION.--Lat 33°56'32", long 83°24'07", Clarke County, at culvert on Dudley Drive, at Athens.
DRAINAGE AREA.--1.44 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Aug. 21, 1986. Crest-stage gage 1987 to present.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 86 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization. Flood of May 1966 is the highest since 1961, based on information from local residents.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | May 27 | 2,200 | 12.70 | 1982 | Aug. 17 | 431 | 9.22 | 1987 | June 20 | 430 | 9.18 |
| 1967 | June 04 | 606 | 10.20 | 1983 | Sept.02 | 651 | 10.35 | 1988 | Mar. 10 | 419 | 9.01 |
| 1979 | Apr. 13 | 531 | 9.89 | 1984 | July 16 | 548 | 9.97 | 1989 | July 21 | 354 | 8.05 |
| 1980 | May 20 | 723 | 10.59 | 1985 | Oct. 22 | 395 | 8.62 | 1990 | Mar. 17 | 610 | 10.25 |
| 1981 | Sept.04 | 474 | 9.61 | 1986 | Aug. 11 | 401 | 8.71 | | | | |

## 02217506 BROOKLYN CREEK TRIBUTARY AT ATHENS, GEORGIA

LOCATION.--Lat 33°56'26", long 83°23'48", Clarke County, at culvert on McWhorter Road, at Athens.
DRAINAGE AREA.--0.19 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 12 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Apr. 13 | 85.0 | 4.11 | 1982 | Aug. 17 | 66.0 | 3.73 | 1985 | July 11 | 32.0 | 3.08 |
| 1980 | May 20 | 94.0 | 4.27 | 1983 | Apr. 08 | 78.0 | 3.98 | 1986 | Aug. 11 | 45.0 | 3.36 |
| 1981 | Apr. 20 | 35.0 | 3.15 | 1984 | July 16 | 89.0 | 4.19 | | | | |

## 02217660 LITTLE CURRY CREEK NEAR JEFFERSON, GEORGIA

LOCATION.--Lat 34°08'25", long 83°32'09", Jackson County, at culvert on State Highway 15, 2.8 mi northeast of Jefferson.
DRAINAGE AREA.--0.87 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 770 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 134 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 25 | 150 | 3.75 | 1969 | Apr. 18 | 250 | 4.53 | 1973 | Mar. 16 | 299 | 4.82 |
| 1965 | Mar. 24 | 68 | 2.63 | 1970 | Aug. 10 | 194 | 4.14 | 1974 | Dec. 31 | 244 | 4.49 |
| 1966 | May 27 | 365 | 5.15 | 1971 | July 13 | 309 | 4.87 | 1975 | Mar. 13 | 171 | 3.95 |
| 1967 | June 04 | 175 | 3.98 | 1972 | Jan. 10 | 172 | 3.96 | 1976 | May 29 | 558 | 6.03 |
| 1968 | Dec. 11 | 58 | 2.44 | | | | | | | | |

## 02217730 TRIBUTARY TO NORTH OCONEE RIVER AT ATHENS, GEORGIA

LOCATION.--Lat 33°58'16", long 83°23'59", Clarke County, at culvert on U.S. Highway 29, at Athens.
DRAINAGE AREA.--0.30 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 79 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Apr. 13 | 97 | 8.38 | 1982 | Aug. 17 | 123 | 8.82 | 1985 | Nov. 28 | 152 | 9.26 |
| 1980 | May 20 | 192 | 9.93 | 1983 | Apr. 08 | 86 | 8.20 | 1986 | Aug. 11 | 80 | 3.01 |
| 1981 | Sept.04 | 221 | 10.50 | 1984 | July 29 | 162 | 9.44 | | | | |

## 02217750 NORTH OCONEE RIVER TRIBUTARY AT ATHENS, GEORGIA

LOCATION.--Lat 33°58'11", long 83°23'14", Clarke County, at culvert on Barber Street, at Athens.
DRAINAGE AREA.--0.35 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 35 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Aug. 22 | 287 | 6.83 | 1982 | May 22 | 142 | 4.29 | 1985 | Aug. 07 | 106 | 3.52 |
| 1980 | May 20 | 186 | 5.19 | 1983 | Apr. 08 | 101 | 3.42 | 1986 | Aug. 11 | 80.0 | 3.01 |
| 1981 | Sept.04 | 208 | 5.55 | 1984 | May 02 | 128 | 4.02 | | | | |

ALTAMAHA RIVER BASIN

02217900 NORTH OCONEE RIVER AT ATHENS, GEORGIA

LOCATION.--Lat 33°56'55", long 83°22'04", Clarke County, at Cemetery Bridge in Athens, 0.5 mi below bridge on U.S. Highway 78, and 3 mi downstream from Sandy Creek.
DRAINAGE AREA.--290 $mi^2$ (revised).
GAGE.--Water-stage recorder prior to June 13, 1950; crest-stage gage thereafter. Datum of gage is 577.86 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 12,000 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 15 ft and 3,000 $ft^3/s$.
REMARKS.--Records for 1929-31 from U.S. Army Corps of Engineers. Peak discharge for 1931 is maximum daily. Peak discharges for 1950-51, 1955, and 1957-60 are estimated. Peak discharge for 1966 increased by dam failure.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. 05 | 9,000 | 23.00 | 1953 | Jan. 10 | 3,250 | 12.83 | 1964 | May 04 | 6,580 | 20.64 |
| 1930 | Oct. 02 | 8,600 | 22.50 | 1954 | Jan. 17 | 3,250 | 12.82 | 1965 | Mar. 26 | 3,000 | 14.83 |
| 1931 | Nov. 17 | 1,700 | -- | 1955 | Feb. 09 | 2,800 | -- | 1966 | May 27 | 15,500 | 27.40 |
| 1945 | Apr. 25 | 4,900 | 16.80 | 1956 | Mar. 18 | 3,100 | 12.44 | 1967 | June 04 | 13,600 | 26.40 |
| 1946 | Jan. 06 | 7,450 | 21.00 | 1957 | Apr. 07 | 2,850 | -- | 1968 | Mar. 14 | 3,430 | 15.66 |
| 1947 | Jan. 21 | 4,030 | 14.90 | 1958 | Feb. 06 | 2,550 | -- | 1969 | Sept.20 | 6,820 | 20.90 |
| 1948 | Feb. 10 | 3,390 | 13.20 | 1959 | June 01 | 4,100 | -- | 1970 | Mar. 21 | 2,160 | 13.13 |
| 1949 | Nov. 29 | 7,820 | 21.50 | 1960 | Feb. 01 | 3,100 | -- | 1971 | Mar. 04 | 5,400 | 17.76 |
| 1950 | Jan. -- | 1,800 | -- | 1961 | Feb. 26 | 6,230 | 19.21 | 1972 | Jan. 12 | 5,350 | 17.69 |
| 1951 | Oct. 21 | 2,300 | -- | 1962 | Feb. 23 | 3,770 | 14.32 | 1976 | May 29 | 7,470 | 21.00 |
| 1952 | Mar. 10 | 4,600 | 16.25 | 1963 | June 27 | 13,600 | 26.40 | | | | |

02217905 TANYARD CREEK AT ATHENS, GEORGIA

LOCATION.--Lat 33°57'05", long 83°22'42", Clarke County, at culvert on Baxter Street, at Athens.
DRAINAGE AREA.--0.42 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Aug. 21, 1986. Crest-stage gage 1987 to present.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 51 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | July 19 | 675 | 9.06 | 1983 | Sept.02 | 213 | 6.14 | 1987 | June 20 | 329 | 7.46 |
| 1980 | May 20 | 339 | 7.54 | 1984 | May 02 | 336 | 7.51 | 1988 | Nov. 10 | 359 | 7.76 |
| 1981 | Sept.04 | 515 | 8.74 | 1985 | Aug. 07 | 258 | 6.67 | 1989 | June 21 | 333 | 7.50 |
| 1982 | Sept.01 | 323 | 7.38 | 1986 | Aug. 11 | 289 | 7.06 | 1990 | Feb. 09 | 398 | 8.15 |

## 02217990 CEDAR CREEK TRIBUTARY NEAR WHITEHALL, GEORGIA

LOCATION.--Lat 33°55'02", long 83°20'05", Clarke County, at culvert on Forest Road near Whitehall.
DRAINAGE AREA.--0.30 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 30 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | July 21 | -- | 7.62 | 1981 | Feb. 11 | 42 | 3.03 | 1983 | Apr. 08 | -- | 6.86 |
| 1980 | May 20 | -- | 7.48 | 1982 | May 22 | 81 | 4.47 | 1984 | July 06 | 135 | 6.74 |

## 02218100 PORTERS CREEK AT WATKINSVILLE, GEORGIA

LOCATION.--Lat 33°50'56", long 83°23'42", Oconee County, at culvert on State Highway 15, 0.9 mi east of Watkinsville.
DRAINAGE AREA.--1.95 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 680 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 330 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | July 18 | 866 | 6.57 | 1968 | Dec. 02 | 117 | 3.47 | 1972 | Jan. 11 | 196 | 3.79 |
| 1965 | Oct. 05 | 140 | 3.57 | 1969 | Sept.01 | 570 | 5.29 | 1973 | Dec. 15 | 340 | 4.37 |
| 1966 | May 21 | 376 | 4.51 | 1970 | Mar. 20 | 146 | 3.59 | 1974 | Dec. 31 | 206 | 3.83 |
| 1967 | June 04 | 336 | 4.35 | 1971 | Sept.01 | 846 | 6.49 | 1975 | Mar. 13 | 536 | 5.15 |

## 02218300 OCONEE RIVER NEAR PENFIELD, GEORGIA

LOCATION.--Lat 33°43'16", long 83°17'44", Greene County, on downstream side of bridge on State Highway 15, 7.0 mi upstream from Greenbrier Creek, and 8.0 mi northwest of Penfield.
DRAINAGE AREA.--940 $mi^2$.
GAGE.--Crest-stage gage from Nov. 4, 1969 to July 21, 1977. Water-stage recorder at site 300 ft upstream at same datum from July 21, 1977 to Aug. 1, 1990. Water-stage recorder at present site and datum thereafter. Datum of gage is 433.26 ft above sea level (levels from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 21,200 $ft^3/s$, and extended above on basis of slope-conveyance studies.
REMARKS.--Flood stages for December 1919 and April 1936 furnished by Georgia Department of Transportation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1920 | Dec. 19 | 37,000 | 26.90c | 1976 | Mar. 16 | 19,700 | 22.11 | 1984 | Dec. 06 | 14,000 | 19.12 |
| 1936 | Apr. 09 | 36,000 | 26.70c | 1977 | Apr. 02 | 8,440 | 15.70 | 1985 | Feb. 06 | 7,320 | 14.62 |
| 1970 | Mar. 22 | 11,000 | 17.68 | 1978 | Nov. 08 | 19,500 | 22.00 | 1986 | Dec. 01 | 5,150 | 12.70 |
| 1971 | Mar. 03 | 19,100 | 21.78 | 1979 | Apr. 15 | 17,400 | 20.90 | 1987 | Mar. 03 | 13,300 | 18.84 |
| 1972 | Jan. 13 | 16,800 | 20.63 | 1980 | May 21 | 13,300 | 18.78 | 1988 | Feb. 05 | 6,190 | 13.76 |
| 1973 | Dec. 16 | 16,000 | 20.24 | 1981 | Feb. 11 | 8,720 | 15.73 | 1989 | June 23 | 9,780 | 16.58 |
| 1974 | Jan. 03 | 13,200 | 18.87 | 1982 | Jan. 06 | 13,700 | 19.03 | 1990 | Oct. 01 | 31,700 | 25.92 |
| 1975 | Mar. 14 | 18,400 | 21.44 | 1983 | Apr. 09 | 14,000 | 19.24 | | | | |

## 02218450 TOWN CREEK NEAR GREENSBORO, GEORGIA

LOCATION.--Lat 33°38'29", long 83°13'36", Greene County, at State Highway 15, 5.7 mi northwest of Greensboro.
DRAINAGE AREA.--11.9 $mi^2$.
GAGE.--Crest-stage gage prior to Nov. 16, 1967; flood-stage recorder, Nov. 16, 1967 to Apr. 1, 1968; flood-stage/rainfall recorder from Mar. 1, 1968 to Sept. 30, 1975, crest-stage thereafter. Datum of gage is about 472 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,400 $ft^3/s$, and extended above on basis of straight-line extension.
REMARKS.--Flood stage for 1948 furnished by Georgia Department of Transportation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Feb. 09 | 2,500 | 9.60 | 1972 | Jan. 11 | 1,120 | 8.47 | 1980 | June 25 | 580 | 7.40 |
| 1964 | Mar. 15 | 988 | 8.31 | 1973 | Mar. 31 | 442 | 6.71 | 1981 | Feb. 11 | 620 | 7.55 |
| 1965 | Dec. 25 | 1,150 | 8.51 | 1974 | Apr. 04 | 439 | 6.69 | 1982 | Feb. 03 | 336 | 5.93 |
| 1966 | May 27 | 1,600 | 8.90 | 1975 | Mar. 25 | 2,350 | 9.49 | 1983 | Apr. 09 | 1,300 | 8.66 |
| 1967 | Mar. 10 | 361 | 6.14 | 1976 | Mar. 16 | 470 | 6.90 | 1984 | Jan. 11 | 274 | 5.32 |
| 1968 | Jan. 10 | 290 | 5.50 | 1977 | Aug. 03 | 390 | 6.37 | 1985 | Feb. 06 | 405 | 6.47 |
| 1969 | Apr. 18 | 1,310 | 8.67 | 1978 | Jan. 25 | 862 | 8.12 | 1986 | June 00 | 120 | --b |
| 1970 | Mar. 20 | 476 | 6.94 | 1979 | Feb. 24 | 952 | 8.26 | 1987 | Mar. 01 | 242 | 4.92 |
| 1971 | Mar. 03 | 1,630 | 8.92 | | | | | | | | |

## 02218500 OCONEE RIVER NEAR GREENSBORO, GEORGIA

LOCATION.--Lat 33°34'52", long 83°16'22", Greene County, on right bank 300 ft downstream from bridge on State Highway 12, 1 mi downstream from Town Creek, 5 mi upstream from Apalachee River, 5 mi west of Greensboro, and 12 mi downstream from Barnett Shoals Dam.
DRAINAGE AREA.--1,090 $mi^2$.
GAGE.--Water-stage recorder. Prior to Nov. 8, 1938, nonrecording gage at same site and datum. Datum of gage is 409.82 ft above sea level (from U.S. Geological Survey benchmark map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 22,000 $ft^3/s$, and extended above on basis of area-velocity studies and computation of flow over Barnett Shoals Dam. Bankfull stage and discharge, 10 ft and 4,000 $ft^3/s$.
HISTORICAL DATA.--Peak discharge of 1908 thought to be the highest since of 1902, based on records for nearby stations.
REMARKS.--Peak dischrage for 1936 is estimated. Storage in Barnett Shoals Reservoir is insufficient to affect peak discharges. Records for period 1919-32 from U.S. Army Corps of Engineers. Station has been inundated by Lake Oconee since January 1979

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1904 | Aug. 10 | 6,520 | 11.90 | 1928 | Aug. 16 | 14,500 | 20.00 | 1956 | Mar. 19 | 9,290 | 17.00 |
| 1905 | Feb. 14 | 6,960 | 12.50 | 1929 | Mar. 06 | 29,400 | 26.60 | 1957 | Apr. 08 | 7,580 | 15.50 |
| 1906 | Jan. 24 | 13,300 | 18.90 | 1930 | Oct. 03 | 28,800 | 26.40 | 1958 | Feb. 07 | 6,330 | 14.10 |
| 1907 | Feb. 05 | 5,990 | 11.20 | 1931 | Nov. 18 | 6,800 | 12.50 | 1959 | June 02 | 13,300 | 19.70 |
| 1908 | Aug. 26 | 66,800 | 35.40 | 1932 | Jan. 09 | 9,500 | 15.50 | 1960 | Feb. 02 | 8,910 | 16.70 |
| 1909 | Mar. 13 | 12,000 | 18.00 | 1936 | Apr. 09 | 44,000 | -- | 1961 | Feb. 25 | 17,200 | 21.80 |
| 1910 | Mar. 02 | 12,700 | 18.50 | 1938 | July 26 | 15,200 | 20.90 | 1962 | Dec. 15 | 11,900 | 18.79 |
| 1911 | Apr. 10 | 5,690 | 10.80 | 1939 | Aug. 21 | 11,000 | 18.40 | 1963 | June 29 | 22,400 | 24.10 |
| 1912 | Mar. 16 | 31,800 | 27.40 | 1940 | Aug. 14 | 12,200 | 19.00 | 1964 | May 04 | 18,200 | 22.30 |
| 1913 | Mar. 16 | 22,700 | 24.20 | 1941 | July 08 | 5,260 | 12.60 | 1965 | Oct. 06 | 8,100 | 16.00 |
| 1914 | Dec. 31 | 6,180 | 12.00 | 1942 | Mar. 22 | 18,100 | 22.40 | 1966 | May 29 | 20,100 | 22.41 |
| 1915 | Oct. 17 | 14,200 | 19.70 | 1943 | Jan. 20 | 19,200 | 23.00 | 1967 | June 07 | 12,800 | 19.12 |
| 1916 | Dec. 20 | 14,300 | 19.80 | 1944 | Mar. 31 | 10,700 | 18.00 | 1968 | Jan. 13 | 7,840 | 15.44 |
| 1917 | Mar. 07 | 13,800 | 19.30 | 1945 | Apr. 26 | 15,200 | 20.80 | 1969 | Jan. 23 | 17,800 | 21.41 |
| 1918 | Jan. 31 | 8,260 | 14.10 | 1946 | Jan. 08 | 19,800 | 23.30 | 1970 | Mar. 23 | 11,900 | 18.51 |
| 1919 | Dec. 24 | 15,100 | 20.60 | 1947 | Jan. 21 | 15,300 | 20.90 | 1971 | Mar. 04 | 22,000 | 23.63 |
| 1920 | Dec. 11 | 41,100 | 30.00 | 1948 | Feb. 10 | 13,300 | 19.70 | 1972 | Jan. 14 | 14,400 | 20.90 |
| 1921 | Feb. 11 | 15,400 | 20.60 | 1949 | Nov. 29 | 34,100 | 28.10 | 1973 | Apr. 02 | 15,800 | 20.55 |
| 1922 | Feb. 16 | 16,400 | 21.40 | 1950 | Mar. 14 | 3,610 | 9.16 | 1974 | Jan. 04 | 13,200 | 19.32 |
| 1923 | May 30 | 15,400 | 20.90 | 1951 | Oct. 22 | 5,440 | 12.80 | 1975 | Mar. 15 | 19,900 | 22.82 |
| 1924 | Sept.28 | 13,000 | 18.60 | 1952 | Mar. 25 | 13,000 | 19.50 | 1976 | Mar. 17 | 21,400 | 23.46 |
| 1925 | Jan. 19 | 26,100 | 25.50 | 1953 | Jan. 13 | 8,210 | 16.10 | 1977 | Apr. 02 | 7,510 | 14.87 |
| 1926 | July 29 | 9,800 | 15.80 | 1954 | Jan. 20 | 8,910 | 16.70 | 1978 | Nov. 08 | 18,400 | 20.05 |
| 1927 | Dec. 15 | 7,820 | 13.80 | 1955 | Feb. 10 | 7,480 | 15.40 | | | | |

## 02219000 APALACHEE RIVER NEAR BOSTWICK, GEORGIA

LOCATION.--Lat 33°47'17", long 83°28'27", Morgan County, on left bank 1,000 ft upstream from Price Mill Bridge, 4.0 mi downstream from High Shoals, 4.0 mi upstream from Jacks Creek, and 4.0 mi northeast of Bostwick.
DRAINAGE AREA.--176 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 544.14 ft above sea level (levels by Global Positioning System).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,840 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 7 ft and 5,500 $ft^3/s$.
REMARKS.--Peak discharges for January 1946 and November 1948 have been revised.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1945 | Apr. 25 | 5,800 | 7.10 | 1979 | Apr. 13 | 6,980 | 7.09 | 1985 | Feb. 06 | 1,770 | 4.22 |
| 1946 | Jan. 06 | 11,200 | 8.90 | 1980 | May 20 | 6,220 | 6.71 | 1986 | Nov. 30 | 2,570 | 4.76 |
| 1947 | Jan. 20 | 4,340 | 6.10 | 1981 | Feb. 11 | 3,020 | 5.01 | 1987 | Mar. 01 | 2,850 | 4.92 |
| 1948 | Feb. 09 | 3,640 | 5.62 | 1982 | Feb. 03 | 5,110 | 6.16 | 1988 | Jan. 20 | 972 | 3.54 |
| 1949 | Nov. 28 | 9,430 | 8.26 | 1983 | Apr. 08 | 4,740 | 5.97 | 1989 | June 22 | 2,570 | 4.76 |
| 1978 | Nov. 05 | 5,990 | 7.03 | 1984 | Dec. 06 | 3,300 | 5.19 | 1990 | Mar. 17 | 7,910 | 7.54 |

## 02219300 MILE BRANCH NEAR MADISON, GEORGIA

LOCATION.--Lat 33°36'38", long 83°28'43", Morgan County, at culvert on State Highway 83, 1.3 mi north of Madison.
DRAINAGE AREA.--0.95 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 548 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 27.6 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by regulation because of reservoirs upstream.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 25 | 318 | 2.81 | 1967 | Mar. 10 | 316 | 2.80 | 1970 | July 23 | 184 | 1.99 |
| 1965 | Oct. 05 | 348 | 2.98 | 1968 | Mar. 12 | 240 | 2.35 | 1971 | Mar. 03 | 493 | 4.02 |
| 1966 | Aug. 24 | 495 | 4.03 | 1969 | Apr. 18 | 441 | 3.73 | 1972 | Jan. 11 | 379 | 3.24 |

## 02219500 APALACHEE RIVER NEAR BUCKHEAD, GEORGIA

LOCATION.--Lat 33°36'31", long 83°20'58", Morgan County, on right bank pier of bridge on State Highway 12, 2 mi downstream from Hard Labor Creek, 3 mi northeast of Buckhead, and 9 mi upstream from mouth.
DRAINAGE AREA.--436 $mi^2$.
GAGE.--Water-stage recorder. Prior to Dec. 31, 1908, nonrecording gage at same site at different datum. May 13, 1937 to Feb. 1, 1939, nonrecording gage at same site and datum. Datum of gage is 424.07 ft above sea level (from U.S. Coast and Geodetic benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 18,000 $ft^3/s$, and by velocity area studies to 29,000 $ft^3/s$. Bankfull stage and discharge, 8 ft and 1,800 $ft^3/s$.
REMARKS.--Station inundated by Lake Oconee since January 1979.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1901 | Apr. 03 | 6,250 | 14.00 | 1947 | Jan. 21 | 11,800 | 20.40 | 1963 | June 28 | 12,900 | 20.84 |
| 1902 | Mar. 01 | 23,400 | 25.00 | 1948 | Feb. 10 | 9,790 | 18.70 | 1964 | May 03 | 14,200 | 21.75 |
| 1903 | Feb. 08 | 9,660 | 17.00 | 1949 | Nov. 29 | 23,800 | 26.80 | 1965 | Oct. 06 | 5,860 | 15.21 |
| 1904 | Aug. 10 | 3,090 | 9.90 | 1950 | Mar. 15 | 2,350 | 9.90 | 1966 | May 28 | 13,500 | 21.59 |
| 1905 | Feb. 14 | 4,050 | 11.40 | 1951 | Oct. 21 | 4,480 | 13.60 | 1967 | Mar. 11 | 3,640 | 12.41 |
| 1906 | Jan. 23 | 13,900 | 19.90 | 1952 | Mar. 05 | 11,300 | 19.80 | 1968 | Mar. 14 | 4,330 | 13.40 |
| 1907 | Feb. 06 | 3,700 | 10.90 | 1953 | Jan. 11 | 4,330 | 13.40 | 1969 | Jan. 21 | 9,430 | 18.42 |
| 1908 | Aug. 25 | 28,900 | 27.50 | 1954 | Dec. 14 | 3,630 | 12.40 | 1970 | Mar. 21 | 8,850 | 18.48 |
| 1938 | Apr. 02 | 10,200 | 19.00 | 1955 | Feb. 08 | 3,390 | 12.00 | 1971 | Mar. 04 | 18,300 | 24.07 |
| 1939 | Mar. 01 | 6,600 | 16.10 | 1956 | Sept.26 | 7,780 | 17.10 | 1972 | Jan. 11 | 12,900 | 21.22 |
| 1940 | Feb. 19 | 5,920 | 15.60 | 1957 | Apr. 07 | 5,760 | 15.10 | 1973 | Dec. 16 | 9,310 | 18.76 |
| 1941 | Mar. 25 | 2,080 | 9.20 | 1958 | Feb. 08 | 4,720 | 13.90 | 1974 | Jan. 02 | 4,770 | 14.38 |
| 1942 | Mar. 22 | 17,800 | 23.70 | 1959 | June 02 | 6,650 | 16.00 | 1975 | Mar. 14 | 12,300 | 20.97 |
| 1943 | Jan. 19 | 18,000 | 23.80 | 1960 | Feb. 01 | 6,150 | 15.50 | 1976 | Mar. 17 | 18,200 | 24.10 |
| 1944 | Mar. 30 | 9,270 | 18.30 | 1961 | Feb. 26 | 11,000 | 19.60 | 1977 | Mar. 23 | 3,880 | 12.63 |
| 1945 | Apr. 26 | 13,300 | 21.10 | 1962 | Feb. 23 | 8,420 | 17.63 | 1978 | Jan. 26 | 12,200 | 20.88 |
| 1946 | Jan. 07 | 19,100 | 24.30 | | | | | | | | |

## 02220550 WHITTEN CREEK NEAR SPARTA, GEORGIA

LOCATION.--Lat 33°23'12", long 83°01'34", Hancock County, on right bank 100 ft upstream from bridge on State Highway 15, 5 mi upstream from mouth, and 8.5 mi northwest of Sparta.
DRAINAGE AREA.--16.6 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 395 ft above sea level (from topographic map). Prior to Aug. 17, 1963, water-stage recorder site 100 ft downstream at same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,700 $ft^3/s$, and extended above on straight-line extension. Bankfull stage and discharge, 12 ft and 1,200 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 24 | 3,770 | 16.00 | 1970 | Mar. 21 | 1,050 | 11.82 | 1979 | Feb. 24 | 1,440 | 12.46 |
| 1962 | Jan. 06 | 1,110 | 12.93 | 1971 | Mar. 02 | 2,320 | 14.63 | 1980 | Mar. 13 | 945 | 10.98 |
| 1963 | May 29 | 1,500 | 13.70 | 1972 | Jan. 13 | 1,240 | 12.12 | 1981 | Feb. 11 | 2,400 | 14.79 |
| 1964 | May 02 | 2,310 | 14.50 | 1973 | Feb. 02 | 2,060 | 14.07 | 1982 | Dec. 31 | 808 | 10.39 |
| 1965 | Dec. 26 | 2,790 | 15.80 | 1974 | Apr. 05 | 941 | 10.95 | 1983 | Mar. 06 | 1,660 | 13.14 |
| 1966 | Feb. 13 | 1,000 | 11.66 | 1975 | Apr. 03 | 2,030 | 14.01 | 1984 | May 04 | 1,280 | 12.11 |
| 1967 | Mar. 10 | 2,900 | 15.85 | 1976 | May 28 | 1,440 | 12.57 | 1985 | Feb. 05 | 711 | 10.45 |
| 1968 | July 17 | 850 | 11.04 | 1977 | Dec. 12 | 1,080 | 11.45 | 1986 | Mar. 19 | 134 | 5.47 |
| 1969 | Aug. 23 | 645 | 10.13 | 1978 | Jan. 26 | 1,380 | 12.38 | | | | |

## 02220900 LITTLE RIVER NEAR EATONTON, GEORGIA

LOCATION.--Lat 33°18'50", long 83°26'14", Putnam County, on downstream side of bridge on State Highway 16, 0.9 mi downstream from Glady Creek, and 3.0 mi west of Eatonton.
DRAINAGE AREA.--262 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 356.03 ft above sea level (levels from Global Positioning System). Feb. 19, 1970 to Aug. 1, 1977, crest-stage gage at same site and datum, 7.26 ft higher, and Aug. 2, 1977 to Aug. 25, 1987, water-stage recorder at same site and datum 4.0 ft higher. All gage heights have been converted to present datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 11,800 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and discharge, 10 ft and 1,500 $ft^3/s$.
REMARKS.--Flood stages for 1948 and 1981 furnished by Georgia Department of Transportation. Peak discharges for 1973 and 1977 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Feb. 09 | 15,000 | 30.80 | 1977 | Aug. -- | 3,000 | -- | 1984 | Aug. 02 | 4,170 | 17.33 |
| 1961 | Feb. 25 | 8,000 | 23.80 | 1978 | Jan. 26 | 6,830 | 23.03 | 1985 | Feb. 06 | 4,790 | 18.57 |
| 1971 | Mar. 03 | 12,600 | 24.40 | 1979 | Feb. 24 | 9,590 | 25.71 | 1986 | Mar. 20 | 1,350 | 10.09 |
| 1972 | Jan. 11 | 9,740 | 21.94 | 1980 | Mar. 29 | 3,980 | 17.59 | 1987 | Mar. 30 | 3,240 | 15.17 |
| 1973 | Jan. -- | 6,500 | -- | 1981 | Feb. 11 | 5,600 | 21.03 | 1988 | Feb. 05 | 2,760 | 14.05 |
| 1974 | Apr. 05 | 7,130 | 19.33 | 1982 | Feb. 04 | 5,590 | 21.03 | 1989 | Apr. 15 | 1,920 | 11.81 |
| 1975 | Mar. 14 | 9,020 | 21.22 | 1983 | Apr. 08 | 8,100 | 24.12 | 1990 | Mar. 18 | 12,500 | 28.78 |
| 1976 | Mar. 16 | 10,300 | 22.48 | | | | | | | | |

## 02221000 MURDER CREEK NEAR MONTICELLO, GEORGIA

LOCATION.--Lat 33°24'56", long 83°39'43", Jasper County, 350 ft upstream from bridge on State Highway 229, and 8 mi north of Monticello.
DRAINAGE AREA.--24 $mi^2$.
GAGE.--Water-stage recorder prior to Oct. 1, 1971; crest-stage gage thereafter. Datum of gage is 498.21 ft above sea level (levels from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,500 $ft^3/s$, and extended above on basis of slope-area measurements at 2,510 and 3,050 $ft^3/s$. Bankfull stage and discharge, 8 ft and 2,400 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1952 | Mar. 04 | 1,860 | 6.70 | 1961 | Feb. 25 | 2,060 | 6.95 | 1970 | Mar. 20 | 1,360 | 5.81 |
| 1953 | May 04 | 1,190 | 5.40 | 1962 | Feb. 22 | 1,180 | 5.37 | 1971 | Mar. 03 | 3,240 | 9.64 |
| 1954 | Dec. 06 | 364 | 2.90 | 1963 | June 23 | 3,050 | 9.12 | 1972 | Jan. 10 | 758 | 4.15 |
| 1955 | Sept. 26 | 415 | 3.04 | 1964 | May 03 | 2,050 | 7.30 | 1973 | Apr. 07 | 1,360 | 5.80 |
| 1956 | Sept. 26 | 982 | 4.79 | 1965 | Dec. 26 | 870 | 4.47 | 1974 | Jan. 01 | 1,540 | 6.20 |
| 1957 | Dec. 23 | 1,330 | 5.84 | 1966 | Feb. 13 | 857 | 4.46 | 1975 | Apr. 02 | 2,760 | 8.64 |
| 1958 | Feb. 06 | 846 | 4.68 | 1967 | Dec. 29 | 541 | 3.47 | 1976 | May 15 | 2,320 | 7.84 |
| 1959 | June 02 | 2,510 | 7.64 | 1968 | Mar. 12 | 656 | 3.83 | 1990 | Mar. 17 | 2,550 | 8.51c |
| 1960 | Mar. 30 | 972 | 4.78 | 1969 | Apr. 18 | 1,970 | 7.14 | | | | |

## 02221525 MURDER CREEK BELOW EATONTON, GEORGIA

LOCATION.--Lat 33°15'08", long 83°28'53", Putnam County, on left bank 250 ft upstream from bridge on County Road S-777, 5.8 mi upstream from mouth, and 7.5 mi southwest of Eatonton.
DRAINAGE AREA.--190 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 375.09 ft above sea level (levels from Global Positioning System).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 7,690 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 9 ft and 5,500 $ft^3/s$.
REMARKS.--Flood stage of 1961 furnished by the Georgia Department of Transportation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 27 | 6,500 | 9.60c | 1982 | Feb. 04 | 4,910 | 7.68 | 1987 | Mar. 02 | 1,960 | 4.72 |
| 1978 | Jan. 26 | 4,910 | 7.68 | 1983 | Apr. 09 | 6,700 | 9.67 | 1988 | Feb. 06 | 1,480 | 4.24 |
| 1979 | Feb. 24 | 6,270 | 9.19 | 1984 | Aug. 02 | 5,500 | 8.34 | 1989 | Apr. 15 | 1,450 | 4.25 |
| 1980 | Mar. 29 | 3,050 | 5.75 | 1985 | Feb. 06 | 3,910 | 6.62 | 1990 | Mar. 18 | 9,630 | 13.13 |
| 1981 | Feb. 11 | 4,280 | 6.98 | 1986 | Mar. 20 | 1,280 | 4.03 | | | | |

## 02223000 OCONEE RIVER AT MILLEDGEVILLE, GEORGIA

LOCATION.--Lat 33°04'58", long 83°12'51", Baldwin County, at right bank on city of Milledgeville water-works intake structure at Milledgeville, 0.5 mi upstream from bridge on State Highway 24,3.8 mi downstream from Sinclair Dam of Georgia Power Company, and at mile 139.1.
DRAINAGE AREA.--2,950 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 230.84 ft above sea level (from U.S. Coast and Geodetic Survey benchmark), supplementary adjustment of 1936. Non-recording prior to Apr. 17, 1937; recording thereafter. Prior to Sept. 30, 1939, at site 0.5 mi downstream; Oct. 1, 1939 to Mar. 8, 1966, water-stage recorder 0.3 mi downstream, all at present datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 81,000 $ft^3/s$, and extended above on the basis of logarithmic extension. Data for Fraleys Ferry gage, 7 mi upstream, was used to define changes in stage-discharge relation during period 1909-23 when no discharge measurements were made at Milledgeville. Bankfull stage and discharge, 16 ft and 11,000 $ft^3/s$.
REMARKS.--Stage records for 1906-8, 1910-31 from National Weather Service. Peak discharge regulated by Sinclair Reservoir (maximum flood storage, 214,600 acre-ft) since November 1952 and Lake Oconee (maximum flood storage, 367,000 acre-ft) since Jan. 1979. Only the lower peaks are thought to be significantly affected by regulation.
HISTORICAL DATA.--Flood stage of 1886 from Georgia Department of Transportation. The flood of 1886 is thought to be the highest since that time, based on information from local residents.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | Feb. -- | 140,000 | 46.70 | 1933 | Dec. 31 | 17,000 | 20.00 | 1962 | Mar. 12 | 33,400 | 27.10 |
| 1904 | Aug. 11 | 10,800 | 11.60 | 1934 | Mar. 05 | 34,200 | 26.00 | 1963 | Jan. 21 | 43,500 | 29.90 |
| 1905 | Feb. 13 | 19,500 | 21.00 | 1935 | Mar. 13 | 18,800 | 21.00 | 1964 | May 03 | 57,400 | 33.00 |
| 1906 | Jan. 24 | 31,100 | 25.40 | 1936 | Apr. 10 | 85,400 | 36.80 | 1965 | Dec. 26 | 49,900 | 31.40 |
| 1907 | Feb. 05 | 15,400 | 18.00 | 1937 | Apr. 30 | 48,900 | 29.30 | 1966 | Mar. 04 | 34,200 | 27.34 |
| 1908 | Aug. 27 | 67,800 | 33.20 | 1938 | Apr. 02 | 34,400 | 26.20 | 1967 | June 09 | 17,100 | 20.39 |
| 1909 | Mar. 13 | 36,900 | 26.60 | 1939 | Mar. 01 | 40,600 | 27.60 | 1968 | Jan. 13 | 17,100 | 20.43 |
| 1910 | Mar. 03 | 19,000 | 20.80 | 1940 | Aug. 14 | 27,400 | 24.40 | 1969 | Apr. 19 | 39,500 | 29.00 |
| 1911 | Oct. 08 | 8,710 | 12.00 | 1941 | Mar. 28 | 12,500 | 17.60 | 1970 | Mar. 22 | 59,200 | 34.30 |
| 1912 | Mar. 17 | 70,700 | 33.80 | 1942 | Mar. 22 | 55,600 | 32.60 | 1971 | Mar. 03 | 81,800 | 39.35 |
| 1913 | Mar. 17 | 66,800 | 33.00 | 1943 | Mar. 22 | 43,300 | 29.20 | 1972 | Jan. 14 | 48,600 | 31.64 |
| 1914 | Apr. 15 | 8,840 | 12.10 | 1944 | Mar. 21 | 58,500 | 33.40 | 1973 | Apr. 08 | 41,800 | 29.78 |
| 1915 | Oct. 17 | 32,300 | 25.50 | 1945 | Apr. 27 | 32,600 | 26.00 | 1974 | Apr. 06 | 34,900 | 27.46 |
| 1916 | Mar. 03 | 18,500 | 20.40 | 1946 | Jan. 10 | 33,600 | 26.50 | 1975 | Apr. 03 | 59,000 | 34.46 |
| 1917 | Apr. 06 | 31,900 | 25.40 | 1947 | Mar. 08 | 41,900 | 28.80 | 1976 | Mar. 17 | 46,600 | 30.94 |
| 1918 | Feb. 01 | 14,600 | 17.20 | 1948 | Feb. 13 | 32,100 | 26.70 | 1977 | Mar. 22 | 29,300 | 22.65 |
| 1919 | Feb. 26 | 38,700 | 27.00 | 1949 | Nov. 30 | 80,800 | 37.30 | 1978 | Jan. 26 | 52,100 | 32.53 |
| 1920 | Dec. 12 | 59,100 | 31.40 | 1950 | Oct. 08 | 12,200 | 17.40 | 1979 | Feb. 25 | 59,000 | 34.24 |
| 1921 | Feb. 11 | 39,200 | 27.20 | 1951 | Apr. 23 | 11,200 | 16.70 | 1980 | Mar. 13 | 63,200 | 35.30 |
| 1922 | Mar. 07 | 62,000 | 32.00 | 1952 | Mar. 05 | 56,900 | 32.90 | 1981 | Feb. 11 | 65,900 | 35.98 |
| 1923 | May 06 | 47,600 | 29.00 | 1953 | May 03 | 28,500 | 25.50 | 1982 | Feb. 04 | 35,300 | 27.60 |
| 1924 | Sept. 26 | 59,600 | 31.50 | 1954 | Dec. 14 | 9,420 | 15.40 | 1983 | Apr. 09 | 62,200 | 35.11 |
| 1925 | Jan. 19 | 84,900 | 36.70 | 1955 | Apr. 14 | 8,780 | 14.90 | 1984 | Feb. 27 | 32,000 | 23.71 |
| 1926 | Apr. 01 | 23,300 | 22.80 | 1956 | Mar. 17 | 26,500 | 24.80 | 1985 | Feb. 06 | 56,700 | 33.78 |
| 1927 | Feb. 25 | 15,900 | 18.30 | 1957 | May 30 | 21,900 | 22.90 | 1986 | Mar. 21 | 11,400 | 15.60 |
| 1928 | Aug. 16 | 95,000 | 38.70 | 1958 | Feb. 07 | 32,100 | 26.70 | 1987 | Mar. 01 | 39,700 | 29.02 |
| 1929 | Feb. 28 | 86,500 | 37.00 | 1959 | June 03 | 29,100 | 25.70 | 1988 | Feb. 06 | 26,100 | 21.33 |
| 1930 | Oct. 02 | 85,900 | 36.90 | 1960 | Jan. 31 | 40,000 | 29.00 | 1989 | Apr. 12 | 12,200 | 16.14 |
| 1931 | May 05 | 24,800 | 23.50 | 1961 | Feb. 25 | 122,000 | 42.90 | 1990 | Oct. 02 | 83,100 | 40.18 |
| 1932 | Jan. 09 | 31,100 | 25.20 | | | | | | | | |

## 02223082 BUFFALO CREEK NEAR LINTON, GEORGIA

LOCATION.--Lat 33°06'27", long 82°57'34", Hancock-Washington County line, at bridge on Hancock County Road 787, 2 mi east of Linton.
DRAINAGE AREA.--92.9 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 278 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,800 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--Flood stage of 1961 furnished by the Georgia Department of Transportation. Peak discharge for 1961 is an estimate.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 5,400 | 20.00c | 1986 | Mar. 20 | 1,330 | 11.49 | 1989 | Apr. 15 | 1,780 | 12.80 |
| 1984 | Feb. 27 | 1,850 | 13.00 | 1987 | Mar. 01 | 2,080 | 13.61 | 1990 | Oct. 01 | 2,210 | 13.92 |
| 1985 | Feb. 06 | 2,550 | 14.75 | 1988 | Apr. 12 | 940 | 10.14 | | | | |

## 02223200 COMMISSIONER CREEK AT TOOMSBORO, GEORGIA

LOCATION.--Lat 32°49'53", long 83°04'43", Wilkinson County, at State Highway 112, at Toomsboro.
DRAINAGE AREA.--191 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 201.70 ft above sea level (levels from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,600 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 15 ft and 600 $ft^3/s$.
HISTORICAL DATA.--The flood stages of 1928 and 1948 was based on information furnished by local residents. The flood of 1928 was the highest in the memory of local residents in 1949, and is thought to be the highest since 1886.
REMARKS.--Peak discharge for 1928 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1928 | Feb. -- | 15,000 | 22.50c | 1958 | Mar. 08 | 1,700 | 16.20 | 1968 | Mar. 13 | 642 | 14.99 |
| 1949 | Nov. -- | 7,510 | 19.50 | 1959 | Mar. -- | 1,120 | 15.50 | 1969 | Aug. 05 | 1,360 | 15.75 |
| 1950 | Mar. 07 | 495 | 14.50 | 1960 | Apr. 04 | 2,910 | 17.00 | 1970 | Mar. 21 | 3,000 | 17.24 |
| 1951 | Nov. 20 | 807 | 15.10 | 1961 | Feb. 25 | 6,410 | 19.00 | 1971 | Mar. 04 | 3,530 | 17.39 |
| 1952 | Mar. 06 | 3,710 | 17.50 | 1962 | Feb. 22 | 5,840 | 18.66 | 1972 | Jan. 14 | 2,610 | 16.94 |
| 1953 | Mar. 01 | 4,510 | 18.00 | 1963 | May 00 | 3,550 | 17.40 | 1973 | Apr. 08 | 3,510 | 17.54 |
| 1954 | Jan. 23 | 1,270 | 15.70 | 1964 | Apr. 06 | 8,170 | 19.80 | 1974 | Feb. 17 | 2,790 | 17.06 |
| 1955 | Apr. 15 | 1,190 | 15.60 | 1965 | Dec. 26 | 4,350 | 17.90 | 1975 | Apr. 15 | 3,210 | 17.34 |
| 1956 | Mar. 16 | 1,600 | 16.10 | 1966 | Mar. 04 | 3,930 | 17.64 | 1976 | May 15 | 2,260 | 16.71 |
| 1957 | May 25 | 2,310 | 16.60 | 1967 | Jan. 03 | 1,420 | 15.86 | 1980 | Mar. 14 | 6,920 | 19.09c |

## 02223300 BIG SANDY CREEK NEAR JEFFERSONVILLE, GEORGIA

LOCATION.--Lat 32°48'15", long 83°25'04", Twiggs County, on downstream side of county highway bridge, 2.9 mi upstream from Myricks Mill, and 9 mi northwest of Jeffersonville.
DRAINAGE AREA.--31 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is about 324 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,800 $ft^3/s$. Bankfull stage and discharge, 4 ft and 150 $ft^3/s$.
REMARKS.--The flood of April 1964 is thought to be the highest since 1948, based on information at nearby stations. Peak discharge for 1971 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | Feb. 04 | 158 | 3.87 | 1964 | Apr. 08 | 1,890 | 6.69 | 1968 | Dec. 15 | 147 | 3.91 |
| 1960 | Feb. 14 | 532 | 4.78 | 1965 | June 16 | 282 | 4.39 | 1969 | Aug. 04 | 183 | 4.25 |
| 1961 | Apr. 16 | 484 | 4.70 | 1966 | Mar. 04 | 450 | 4.99 | 1970 | Mar. 31 | 505 | 4.97 |
| 1962 | Jan. 06 | 874 | 5.30 | 1967 | Dec. 31 | 104 | 3.63 | 1971 | Dec. 16 | 800 | -- |
| 1963 | May 01 | 296 | 4.33 | | | | | | | | |

## 02223349 BIG SANDY CREEK TRIBUTARY NEAR IRWINTON, GEORGIA

LOCATION.--Lat 32°48'12", long 83°13'40", Wilkinson County, at culvert on White Springs Road, 1.7 mi southwest of Irwinton.
DRAINAGE AREA.--0.50 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is about 285 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6.71 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Mar. 22 | 52.0 | 2.65 | 1982 | Feb. 03 | 36.0 | 2.52 | 1987 | Mar. 08 | 33.0 | 2.43 |
| 1978 | Jan. 25 | 29.0 | 1.90 | 1983 | Feb. 14 | 33.0 | 2.40 | 1988 | Feb. 15 | 8.0 | 1.26 |
| 1979 | Feb. 24 | 36.0 | 2.12 | 1984 | Mar. 06 | 22.0 | 1.80 | 1989 | July 20 | 26.0 | 2.08 |
| 1980 | Mar. 13 | 40.0 | 2.26 | 1985 | Dec. -- | 4.0 | --b | 1990 | Dec. 08 | 18.0 | 1.78 |
| 1981 | Apr. 01 | 5.0 | 0.85 | 1986 | Feb. 11 | 5.0 | 0.78 | | | | |

## 02223360 BIG SANDY CREEK NEAR IRWINTON, GEORGIA

LOCATION.--Lat 32°45'59", long 83°10'05", Wilkinson County, at bridge on State Highway 29 and U.S. Highway 441, 3 mi south of Irwinton.
DRAINAGE AREA.--177 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 225 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,910 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 3 ft and 300 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1970 | Mar. 31 | 4,020 | 6.51 | 1976 | May 16 | 1,220 | 4.62 | 1982 | Feb. 04 | 2,840 | 5.46 |
| 1971 | Mar. 04 | 1,620 | 5.06 | 1977 | Mar. 22 | 4,320 | 6.65 | 1983 | Feb. 14 | 3,590 | 5.96 |
| 1972 | Jan. 12 | 1,880 | 5.27 | 1978 | Jan. 26 | 3,380 | 5.82 | 1984 | July 30 | 1,570 | 4.59 |
| 1973 | Feb. 03 | 2,160 | 5.47 | 1979 | Feb. 24 | 3,220 | 5.71 | 1985 | Feb. 07 | 1,080 | 4.18 |
| 1974 | Feb. 08 | 1,730 | 5.15 | 1980 | Mar. 13 | 4,000 | 6.20 | 1986 | Mar. 19 | 380 | 3.10 |
| 1975 | Mar. 20 | 2,450 | 5.67 | 1981 | Apr. 01 | 1,060 | 4.16 | 1987 | Mar. 09 | 2,160 | 5.01 |

## 02223500 OCONEE RIVER AT DUBLIN, GEORGIA

LOCATION.--Lat 32°32'40", long 82°53'41", Laurens County, near left bank on downstream end of pier of bridge on U.S. Highway 80 at Dublin, and at mile 74.3.
DRAINAGE AREA.--4,400 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 149.08 ft above sea level (from U.S. Coast and Geodetic Survey benchmark), supplementary adjustment of 1936. Prior to Apr. 14, 1932, nonrecording gage and Apr. 15, 1932 to June 17, 1934, water-stage recorder at site 420 ft downstream at datum 3.0 ft higher, Oct. 1, 1933 to July 17, 1934 corrected to present datum. July 18, 1934 to Apr. 14, 1936, water-stage recorder, Apr. 15, 1936 to Oct. 12, 1938, nonrecording gage, and Oct. 13, 1938 to Jan. 20, 1953, water-stage recorder at site 80 ft upstream at present datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 96,000 $ft^3/s$. Bankfull stage and discharge, 20 ft and 20,000 $ft^3/s$.
REMARKS.--Stage records for 1894-97 from National Weather Service. Regulation by storage in Sinclair Reservoir (maximum flood-control storage, 214,600 acre-ft) since November 1952 and Lake Oconee (maximum flood-control storage, 367,000 acre-ft) since January 1979 does not materially affect peak discharges.
HISTORICAL DATA.--The flood of 1936 is thought to be the highest since 1886 based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1894 | Feb. 19 | 20,500 | 14.90 | 1927 | July 29 | 14,100 | 11.40 | 1959 | June 08 | 22,600 | 19.50 |
| 1895 | Mar. 19 | 49,700 | 23.40 | 1928 | Aug. 19 | 79,000 | 27.90 | 1960 | Apr. 05 | 32,000 | 22.70 |
| 1896 | Feb. 10 | 25,900 | 17.00 | 1929 | Mar. 07 | 92,300 | 29.30 | 1961 | Feb. 28 | 60,400 | 28.40 |
| 1897 | Mar. 17 | 46,200 | 22.70 | 1930 | Oct. 05 | 76,600 | 27.60 | 1962 | Mar. 15 | 33,500 | 23.10 |
| 1898 | Sept. 05 | 56,200 | 24.60 | 1931 | May 09 | 23,500 | 16.10 | 1963 | July 03 | 31,500 | 23.10 |
| 1899 | Feb. 10 | 45,300 | 22.50 | 1932 | Jan. 12 | 31,200 | 18.80 | 1964 | Apr. 11 | 49,800 | 27.80 |
| 1900 | Feb. 17 | 57,900 | 24.90 | 1933 | Feb. 24 | 20,700 | 15.00 | 1965 | Dec. 30 | 36,600 | 25.17 |
| 1901 | Apr. 06 | 45,800 | 22.60 | 1934 | Mar. 09 | 23,500 | 19.10 | 1966 | Mar. 08 | 41,200 | 26.17 |
| 1902 | Mar. 05 | 63,600 | 25.80 | 1935 | Mar. 19 | 15,100 | 14.70 | 1967 | Jan. 05 | 12,100 | 14.34 |
| 1903 | Feb. 12 | 52,800 | 24.00 | 1936 | Apr. 12 | 96,700 | 33.00 | 1968 | Jan. 18 | 13,100 | 15.06 |
| 1904 | Feb. 14 | 11,500 | 9.90 | 1937 | May 04 | 35,200 | 23.20 | 1969 | Apr. 24 | 23,300 | 21.12 |
| 1905 | Feb. 16 | 33,600 | 19.50 | 1938 | Apr. 11 | 38,700 | 24.10 | 1970 | Mar. 25 | 35,000 | 24.84 |
| 1906 | Jan. 28 | 32,600 | 19.20 | 1939 | Mar. 04 | 48,500 | 26.20 | 1971 | Mar. 06 | 70,100 | 30.21 |
| 1907 | Feb. 10 | 18,000 | 13.50 | 1940 | Aug. 19 | 18,800 | 18.00 | 1972 | Jan. 17 | 41,800 | 26.29 |
| 1908 | Aug. 30 | 48,600 | 23.20 | 1941 | Apr. 01 | 10,100 | 12.50 | 1973 | Apr. 11 | 30,800 | 23.72 |
| 1909 | Mar. 16 | 49,200 | 23.30 | 1942 | Mar. 26 | 52,100 | 27.00 | 1974 | Feb. 20 | 26,400 | 21.97 |
| 1910 | Mar. 06 | 20,800 | 15.60 | 1943 | Mar. 25 | 42,800 | 25.20 | 1975 | Mar. 19 | 43,800 | 26.69 |
| 1911 | Apr. 17 | 10,200 | 8.20 | 1944 | Mar. 26 | 61,600 | 28.60 | 1976 | Mar. 21 | 37,000 | 25.28 |
| 1912 | Mar. 20 | 59,800 | 25.20 | 1945 | May 01 | 25,400 | 20.70 | 1977 | Mar. 26 | 27,200 | 22.26 |
| 1913 | Mar. 18 | 68,400 | 26.50 | 1946 | Jan. 13 | 29,500 | 22.00 | 1978 | Jan. 30 | 45,400 | 27.00 |
| 1914 | Mar. 03 | 10,500 | 8.90 | 1947 | Mar. 11 | 42,800 | 25.20 | 1979 | Feb. 28 | 48,500 | 27.56 |
| 1915 | Jan. 23 | 27,900 | 17.70 | 1948 | Feb. 16 | 39,000 | 24.40 | 1980 | Mar. 16 | 49,900 | 27.81 |
| 1916 | July 28 | 24,600 | 16.50 | 1949 | Dec. 03 | 71,200 | 30.10 | 1981 | Feb. 15 | 32,100 | 24.09 |
| 1917 | Mar. 31 | 31,300 | 18.80 | 1950 | Mar. 12 | 10,900 | 13.10 | 1982 | Feb. 08 | 28,400 | 22.78 |
| 1918 | Feb. 06 | 17,300 | 13.30 | 1951 | Apr. 27 | 8,840 | 11.40 | 1983 | Apr. 12 | 45,100 | 26.93 |
| 1919 | Feb. 28 | 47,600 | 23.00 | 1952 | Mar. 09 | 47,800 | 26.20 | 1984 | Dec. 11 | 23,700 | 20.87 |
| 1920 | Dec. 15 | 52,800 | 24.00 | 1953 | May 08 | 33,900 | 23.20 | 1985 | Feb. 10 | 31,000 | 23.72 |
| 1921 | Feb. 14 | 37,800 | 20.70 | 1954 | Dec. 18 | 12,100 | 14.10 | 1986 | Mar. 24 | 11,400 | 13.54 |
| 1922 | Mar. 10 | 54,500 | 24.30 | 1955 | Apr. 18 | 11,800 | 13.90 | 1987 | Mar. 05 | 30,700 | 23.60 |
| 1923 | Mar. 23 | 38,900 | 21.00 | 1956 | Mar. 22 | 19,000 | 18.10 | 1988 | Feb. 09 | 10,600 | 13.26 |
| 1924 | Sept. 30 | 49,200 | 23.20 | 1957 | Mar. 31 | 13,000 | 14.60 | 1989 | Apr. 15 | 12,200 | 14.96 |
| 1925 | Jan. 21 | 94,900 | 29.80 | 1958 | Feb. 13 | 19,200 | 18.20 | 1990 | Mar. 21 | 46,200 | 27.14 |
| 1926 | Apr. 05 | 24,300 | 16.40 | | | | | | | | |

## 02223700 INDIAN BRANCH TRIBUTARY NEAR SCOTT, GEORGIA

LOCATION.--Lat 32°33'22", long 82°44'33", Laurens County, at culvert on U.S. Highway 80, 4.8 mi west of Scott.
DRAINAGE AREA.--2.13 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 220 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 100 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Peak discharges for 1973-74 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 23 | 107 | 1.99 | 1969 | Aug. 03 | 166 | 2.39 | 1973 | Feb. 02 | 220 | 2.99 |
| 1966 | Mar. 03 | 198 | 2.59 | 1970 | Mar. 20 | 181 | 2.49 | 1974 | Feb. 08 | 70 | 1.74 |
| 1967 | Jan. 01 | 90 | 1.84 | 1971 | Mar. 26 | 51 | 1.44 | 1975 | Apr. 14 | 136 | 2.19 |
| 1968 | Mar. -- | 49 | --b | 1972 | Dec. 03 | 55 | 1.49 | | | | |

## 02224000 ROCKY CREEK NEAR DUDLEY, GEORGIA

LOCATION.--Lat 32°29'38", long 83°08'49", Laurens County, on downstream side of highway bridge, 3.2 mi upstream from Buckhorn Branch, and 5 mi southwest of Dudley.
DRAINAGE AREA.--62.9 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 262 ft above sea level (by barometer).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,700 $ft^3/s$, and extended above on basis of contracted-opening measurement at 9,270 $ft^3/s$. Bankfull stage and discharge, 8 ft and 1,500 $ft^3/s$.
HISTORICAL DATA.--The flood of 1966 is thought to be the highest since 1948, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1952 | Mar. 24 | 692 | 5.80 | 1961 | Apr. 16 | 1,080 | 7.10 | 1969 | Aug. 23 | 446 | 4.78 |
| 1953 | May 07 | 2,390 | 9.40 | 1962 | Feb. 20 | 1,350 | 7.80 | 1970 | Mar. 31 | 4,070 | 10.55 |
| 1954 | Dec. 14 | 668 | 5.70 | 1963 | Feb. 12 | 829 | 6.33 | 1971 | Mar. 26 | 948 | 6.67 |
| 1955 | Apr. 15 | 1,350 | 7.80 | 1964 | May 03 | 1,410 | 8.50 | 1972 | Jan. 14 | 2,620 | 9.22 |
| 1956 | Mar. 17 | 474 | 4.80 | 1965 | Feb. 18 | 1,150 | 7.80 | 1973 | Feb. 02 | 1,880 | 8.83 |
| 1957 | Apr. 06 | 1,540 | 8.20 | 1966 | Mar. 03 | 9,270 | 13.49 | 1974 | Feb. 09 | 570 | 5.40 |
| 1958 | Mar. 09 | 1,540 | 8.10 | 1967 | Feb. 07 | 758 | 5.96 | 1975 | July 16 | 4,280 | 10.70 |
| 1959 | Mar. 06 | 2,390 | 9.40 | 1968 | July 11 | 185 | 3.76 | 1976 | May 16 | 1,310 | 7.54 |
| 1960 | Apr. 05 | 2,930 | 10.00 | | | | | | | | |

## 02224100 TURKEY CREEK NEAR DUBLIN, GEORGIA

LOCATION.--Lat 32°27'21", long 82°56'32", Laurens County, at bridge on U.S. Highways 319 and 441, 5 mi south of Dublin.
DRAINAGE AREA.--316 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 175 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 10,500 $ft^3/s$. Bankfull stage and discharge 10 ft and 900 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1984 | May 29 | •2,450 | 13.00 | 1987 | Jan. 23 | 6,600 | 15.25 | 1989 | Apr. 15 | 1,590 | 11.67 |
| 1985 | Feb. 07 | 2,180 | 12.60 | 1988 | Mar. -- | 1,000 | --b | 1990 | Dec. 08 | 2,020 | 12.39 |
| 1986 | Dec. 14 | 2,490 | 13.05 | | | | | | | | |

## 02224200 MERCER CREEK NEAR SOPERTON, GEORGIA

LOCATION.--Lat 32°26'38", long 82°41'30", Treutlen County, at State Highway 29, 7.2 mi northwest of Soperton.
DRAINAGE AREA.--16.1 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 179 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 590 $ft^3/s$, and extended above on basis of contracted-opening measurement at 1,210 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Feb. 17 | 753 | 3.98 | 1969 | May 19 | 480 | 3.20 | 1973 | Feb. 02 | 1,210 | 5.48 |
| 1966 | Mar. 04 | 1,210 | 5.48 | 1970 | Mar. 21 | 669 | 3.74 | 1974 | Feb. 08 | 412 | 3.03 |
| 1967 | Jan. 02 | 829 | 4.23 | 1971 | Mar. 03 | 560 | 3.43 | 1975 | Apr. 14 | 700 | 3.83 |
| 1968 | July 04 | 148 | 2.38 | 1972 | Feb. 02 | 596 | 3.53 | | | | |

## 02224400 CYPRESS CREEK NEAR TARRYTOWN, GEORGIA

LOCATION.--Lat 32°16'49", long 82°35'45", Montgomery County, at U.S. Highway 221, 3.2 mi southwest of Tarrytown.
DRAINAGE AREA.--6.77 $mi^2$.
GAGE.--Crest-stage gage prior to Mar. 19, 1968; flood-stage/rainfall recorder thereafter. Datum of gage is about 170 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 210 $ft^3/s$, and extended above on basis of contracted-opening measurement at 2,220 $ft^3/s$.
REMARKS.--The flood of 1966 is thought to be the highest since 1948, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Feb. 17 | 295 | 3.66 | 1969 | Mar. 18 | 105 | 2.58 | 1973 | Apr. 01 | 544 | 4.28 |
| 1966 | Mar. 04 | 2,220 | 5.66 | 1970 | Mar. 21 | 245 | 3.47 | 1974 | Feb. 08 | 224 | 3.38 |
| 1967 | Jan. 01 | 295 | 3.66 | 1971 | Mar. 03 | 273 | 3.58 | 1975 | Apr. 14 | 446 | 4.08 |
| 1968 | July 11 | 134 | 2.83 | 1972 | Dec. 20 | 193 | 3.23 | | | | |

## 02224500 OCONEE RIVER NEAR MOUNT VERNON, GEORGIA

LOCATION.--Lat 32°11'28", long 82°38'00", Montgomery County, at U.S. Highway 280, 2 mi west of Mount Vernon, and at mile 28.7.
DRAINAGE AREA.--5,110 $mi^2$.
GAGE.--Water-stage recorder prior to Jan. 5, 1956; crest-stage gage thereafter. Datum of gage is 103.34 ft above sea level (from U.S. Coast and Geodetic Survey benchmark), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 62,000 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 14 ft and 14,000 $ft^3/s$.
HISTORICAL DATA.--Flood stage for 1925 and 1936, based on information by Georgia Department of Transportation. The 1936 flood is probably the highest peak since at least 1886, based on information at nearby stations.
REMARKS.--Stage records for 1956-90 from National Weather Service. Regulation by storage in Sinclair Reservoir (maximum flood-control storage, 214,600 acre-ft) since November 1952 and Lake Oconee (maximum flood-control storage, 367,000 acre-ft) since January 1979, does not materially affect peak discharge. Peak discharge for 1929 is estimated, and is based on records at Oconee River at Dublin.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. 23 | 94,000 | 25.30c | 1954 | Dec. 21 | 13,800 | 14.00 | 1972 | Jan. 19 | 45,400 | 20.20 |
| 1929 | Mar. 09 | 92,000 | --c | 1955 | Apr. 21 | 12,000 | 13.30 | 1973 | Apr. 14 | 33,300 | 18.42 |
| 1936 | Apr. 14 | 96,000 | 25.50 | 1956 | Mar. 25 | 20,800 | 16.10 | 1974 | Feb. 24 | 31,300 | 18.10 |
| 1938 | Apr. 13 | 38,500 | 19.00 | 1957 | Apr. 03 | 13,800 | 14.00 | 1975 | Mar. 22 | 46,900 | 20.35 |
| 1939 | Mar. 06 | 48,300 | 20.40 | 1958 | Mar. 13 | 26,000 | 17.20 | 1976 | Mar. 22 | 37,000 | -- |
| 1940 | Aug. 21 | 20,000 | 15.90 | 1959 | June 11 | 21,200 | 16.20 | 1977 | Mar. 28 | 29,200 | 17.75 |
| 1941 | July 22 | 10,900 | 12.60 | 1960 | Apr. 07 | 42,800 | 19.80 | 1978 | Feb. 01 | 46,500 | 20.30 |
| 1942 | May 28 | 49,600 | 20.70 | 1961 | Mar. 03 | 58,800 | 21.80 | 1979 | Mar. 02 | 53,000 | -- |
| 1943 | Mar. 27 | 38,900 | 19.10 | 1962 | Mar. 18 | 33,900 | 18.50 | 1980 | Mar. 18 | 49,600 | 20.70 |
| 1944 | Mar. 28 | 58,800 | 21.80 | 1963 | July 06 | 31,900 | 18.20 | 1981 | Feb. 18 | 25,000 | -- |
| 1945 | May 04 | 24,500 | 16.90 | 1964 | Apr. 14 | 50,400 | 20.80 | 1982 | Feb. 11 | 28,900 | 17.70 |
| 1946 | Jan. 16 | 29,500 | 17.80 | 1965 | Jan. 02 | 40,600 | 19.50 | 1983 | Apr. 13 | 46,000 | -- |
| 1947 | Mar. 14 | 41,600 | 19.40 | 1966 | Mar. 07 | 46,500 | 20.30 | 1985 | Feb. 13 | 25,000 | 17.00 |
| 1948 | Feb. 17 | 37,800 | 19.10 | 1967 | Jan. 07 | 15,500 | 14.60 | 1986 | Dec. 06 | 8,600 | 11.50 |
| 1949 | Dec. 05 | 66,300 | 22.60 | 1968 | Jan. 21 | 12,500 | 13.50 | 1987 | Mar. 07 | 31,000 | 18.05 |
| 1950 | Mar. 14 | 11,100 | 12.90 | 1969 | Apr. 27 | 24,000 | 16.85 | 1988 | Apr. 30 | 6,800 | 10.00 |
| 1951 | Apr. 29 | 7,950 | 11.10 | 1970 | Mar. 28 | 38,500 | 19.15 | 1989 | Apr. 16 | 9,500 | 12.05 |
| 1952 | Mar. 11 | 44,300 | 20.00 | 1971 | Mar. 09 | 64,800 | 23.00 | 1990 | Oct. 08 | 42,400 | 19.75 |
| 1953 | May 10 | 35,200 | 18.70 | | | | | | | | |

## 02224650 PETERSON CREEK AT GLENWOOD GEORGIA
(Formerly published as "Oconee River Tributary at Glenwood, Georgia"

LOCATION.--Lat 32°10'08", long 82°40'01", Wheeler County, at culvert on State Highway 19, at Glenwood.
DRAINAGE AREA.--5.16 $mi^2$.
GAGE.--Flood-stage recorder prior to Nov. 16, 1967; flood-stage/rainfall recorder thereafter. Datum of gage is about 140 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 308 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Jan. -- | 250 | -- | 1969 | Sept. 01 | 177 | 4.22 | 1972 | Dec. 20 | 200 | 4.37 |
| 1966 | Feb. 28 | 342 | 5.05 | 1970 | May 29 | 434 | 5.43 | 1973 | Apr. 01 | 215 | 4.47 |
| 1967 | Sept. 02 | 232 | 4.55 | 1971 | Aug. 29 | 338 | 5.07 | 1974 | Feb. 08 | 174 | 4.20 |
| 1968 | July 10 | 146 | 4.03 | | | | | | | | |

## 02224800 OCONEE RIVER TRIBUTARY NO. 2, NEAR GLENWOOD, GEORGIA

LOCATION.--Lat 32°03'16", long 82°39'09", Wheeler County, at culvert on State Highway 19, 9 mi south of Glenwood.
DRAINAGE AREA.--1.38 $mi^2$ (revised).
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 165 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 25 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Peak discharges for 1965-66 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Jan. -- | 80 | -- | 1969 | May 19 | 64 | 2.55 | 1972 | Dec. 20 | 39 | 2.10 |
| 1966 | Feb. -- | 150 | -- | 1970 | Mar. 22 | 61 | 2.50 | 1973 | Apr. 07 | 76 | 2.73 |
| 1967 | July 10 | 52 | 2.35 | 1971 | Aug. 29 | 114 | 3.20 | 1974 | July 00 | 198 | 3.90 |
| 1968 | Aug. 01 | 25 | 1.80 | | | | | | | | |

## 02225000 ALTAMAHA RIVER NEAR BAXLEY, GEORGIA

LOCATION.--Lat 31°56'20", long 82°21'13", Appling-Toombs County line, on right bank400 ft downstream from bridge on U.S. Highway 1, 2.2 mi upstream from Bay Creek, 8 mi downstream from Bullards Creek, at mile 117.0, and 12 mi north of Baxley.
DRAINAGE AREA.--11,600 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 61.51 ft above sea level (levels from Georgia Department of Transportation). Aug. 13, 1949, to June 30, 1951, nonrecording gage at site 400 ft upstream at same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 96,000 $ft^3/s$, and extended above on basis of slope-conveyance studies. Bankfull stage and discharge, 13 ft and 22,000 $ft^3/s$..
HISTORICAL DATA.--Flood stage of 1925 based on information furnished by the Georgia Department of Transportation. Based on studies at the gaging station downstream on Altamaha River at Doctortown, this is thought to be the highest flood since 1800. Flood stages of 1928-30, and 1936 furnished by the U.S. Army Corps of Engineers. Flood stages of 1944-48 based on information at Piney Bluff furnished by the National Weather Service. Flood stage of Dec. 1948 from floodmark.
REMARKS.--Minor regulation of lower peak discharge from storage in Lloyd Shoals Reservoir (maximum flood-control storage, 68,000 acre-ft) since 1910; and from Sinclair Reservoir (maximum flood-control storage, 214,600 acre-ft) since 1952; and from Lake Oconee (maximum flood-control storage 367,000 acre-ft) since 1979.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. 22 | 230,000 | 30.00c | 1950 | Mar. 21 | 21,400 | 12.90 | 1980 | Mar. 21 | 84,900 | 21.69 |
| 1928 | Aug. 23 | 132,000 | 25.30 | 1951 | Apr. 02 | 21,100 | 12.80 | 1981 | Feb. 22 | 34,700 | 15.98 |
| 1929 | Mar. 11 | 160,000 | 27.40 | 1971 | Mar. 12 | 97,500 | 22.10 | 1982 | Feb. 15 | 49,300 | 18.10 |
| 1930 | Oct. 09 | 130,000 | 25.10 | 1972 | Jan. 23 | 67,800 | 20.18 | 1983 | Apr. 19 | 57,500 | 19.08 |
| 1936 | Apr. 12 | 165,000 | --c | 1973 | Apr. 14 | 53,800 | 18.67 | 1984 | Mar. 09 | 47,600 | 17.87 |
| 1944 | Apr. 01 | 108,000 | 24.50 | 1974 | Feb. 26 | 46,500 | 17.70 | 1985 | Feb. 16 | 42,700 | 17.20 |
| 1945 | May 08 | 35,000 | 16.00 | 1975 | Mar. 26 | 91,300 | 22.22 | 1986 | Feb. 13 | 27,000 | 14.60 |
| 1946 | Jan. 19 | 51,600 | 18.40 | 1976 | Mar. 28 | 53,400 | 18.62 | 1987 | Jan. 28 | 52,600 | 18.50 |
| 1947 | Mar. 18 | 58,000 | 19.20 | 1977 | Apr. 02 | 45,100 | 17.50 | 1988 | Mar. 13 | 17,600 | 11.90 |
| 1948 | Apr. 05 | 69,100 | 20.30 | 1978 | Feb. 05 | 73,000 | 20.65 | 1989 | Apr. 21 | 26,300 | 14.26 |
| 1949 | Dec. 10 | 130,000 | 25.10 | 1979 | Mar. 06 | 76,000 | 20.95 | 1990 | Mar. 28 | 65,500 | 19.35 |

## 02225100 COBB CREEK NEAR LYONS, GEORGIA

LOCATION.--Lat 32°02'06", long 82°22'47", Toombs County, at State Highway 56, 1.8 mi northeast of Cedar Crossing, and 13 mi northeast of Lyons.
DRAINAGE AREA.--69 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 108.80 ft above sea level (levels from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,470 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 4.5 ft and 600 $ft^3/s$.
HISTORICAL DATA.--Flood stage of 1966 is thought to be the highest since 1929, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Oct. -- | 1,480 | 6.26 | 1957 | Oct. 21 | 560 | 4.52 | 1962 | Apr. 01 | 425 | 4.12 |
| 1952 | Mar. 24 | 340 | 3.71 | 1958 | Oct. 20 | 745 | 5.04 | 1963 | June 24 | 508 | 4.33 |
| 1953 | Apr. 06 | 455 | 4.20 | 1959 | May 27 | 1,130 | 5.79 | 1964 | Feb. 20 | 1,400 | 6.41 |
| 1954 | Jan. 01 | 320 | 3.65 | 1960 | Dec. 20 | 1,820 | 7.10 | 1965 | Feb. 18 | 1,350 | 6.33 |
| 1955 | Sept. 14 | 1,130 | 5.82 | 1961 | Apr. 16 | 595 | 4.59 | 1966 | Mar. 04 | 3,500 | 9.90 |
| 1956 | Feb. 08 | 1,130 | 5.78 | | | | | | | | |

## 02225150 OHOOPEE RIVER NEAR WRIGHTSVILLE, GEORGIA

LOCATION.--Lat 32°42'50", long 82°45'20", Johnson County, at U.S. Highway 319, 2.5 mi west of Wrightsville.
DRAINAGE AREA.--55 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 272.12 ft above sea level (levels from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,200 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 6 ft and 400 $ft^3/s$.
HISTORICAL DATA.--Flood stage of 1966 is thought to be the highest since 1929, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | Feb. 12 | 1,020 | 7.64 | 1970 | Mar. 21 | 2,230 | 9.11 | 1977 | Mar. 22 | 2,180 | 9.07 |
| 1964 | Apr. 06 | 1,350 | 8.19 | 1971 | Mar. 02 | 980 | 7.50 | 1978 | Jan. 26 | 1,210 | 7.88 |
| 1965 | Feb. 18 | 1,000 | 7.60 | 1972 | Jan. 14 | 1,270 | 7.98 | 1979 | Jan. 26 | 1,630 | 8.48 |
| 1966 | Mar. 04 | 3,830 | 10.26 | 1973 | Feb. 03 | 1,960 | 8.86 | 1980 | Mar. 13 | 3,540 | 10.09 |
| 1967 | Feb. 08 | 350 | 5.64 | 1974 | Feb. 17 | 704 | 6.86 | 1981 | Feb. 11 | 335 | 5.58 |
| 1968 | Jan. 11 | 386 | 5.79 | 1975 | Feb. 20 | 1,630 | 8.47 | 1982 | Feb. 04 | 900 | 7.34 |
| 1969 | Aug. 23 | 760 | 6.97 | 1976 | Feb. -- | 300 | --b | 1983 | Feb. 14 | 1,770 | 8.65 |

## 02225180 MULEPEN CREEK NEAR ADRIAN, GEORGIA

LOCATION.--Lat 32°32'58", long 82°31'26", Emanuel County, at U.S. Highway 80, 4.8 mi east of Adrian.
DRAINAGE AREA.--13.8 $mi^2$.
GAGE.--Crest-stage gage prior to Nov. 16, 1967; flood-stage recorder, from Nov. 16, 1967 to Mar. 19, 1968; flood-stage/rainfall recorder thereafter. Datum of gage is about 210 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 450 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 4 ft and 60 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Feb. 18 | 703 | 5.49 | 1968 | Mar. -- | 44 | --b | 1971 | July 30 | 335 | 4.88 |
| 1966 | Mar. 05 | 375 | 4.96 | 1969 | June 05 | 612 | 5.36 | 1972 | Jan. 14 | 259 | 4.71 |
| 1967 | Jan. 02 | 345 | 4.90 | 1970 | Mar. 21 | 591 | 5.33 | | | | |

## 02225200 LITTLE OHOOPEE RIVER NEAR WRIGHTSVILLE, GEORGIA

LOCATION.--Lat 32°47'20", long 82°33'02", Johnson County, at U.S. Highway 319 and State Highway 78, 10 mi northeast of Wrightsville.
DRAINAGE AREA.--63 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 258.8 ft above sea level (levels by Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,260 $ft^3/s$, and above on the basis of slope-conveyance studies. Bankfull stage and discharge, 5 ft and 300 $ft^3/s$.
HISTORICAL DATA.--Flood stage of 1925 furnished by the Georgia Department of Transportation. Flood stage of 1980 is thought to be the highest since 1929, based on information at nearby stations.
REMARKS.--Peak discharge for 1925 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. -- | 7,500 | 11.60c | 1960 | Apr. 05 | 1,890 | 8.44 | 1969 | Aug. 23 | 725 | 6.80 |
| 1951 | June 14 | 216 | 5.27 | 1961 | Apr. 16 | 3,000 | 9.28 | 1970 | Apr. 01 | 2,600 | 8.98 |
| 1952 | Mar. 24 | 876 | 7.06 | 1962 | Mar. 12 | 2,360 | 8.82 | 1971 | Mar. 02 | 750 | 6.85 |
| 1953 | Mar. 01 | 1,140 | 7.50 | 1963 | Feb. 12 | 900 | 7.10 | 1972 | Jan. 14 | 558 | 6.41 |
| 1954 | Jan. 18 | 396 | 5.87 | 1964 | Apr. 06 | 1,140 | 7.50 | 1973 | Feb. 03 | 3,210 | 9.43 |
| 1955 | Apr. 14 | 1,240 | 7.66 | 1965 | Feb. 18 | 1,280 | 7.72 | 1974 | Feb. 17 | 966 | 7.21 |
| 1956 | Feb. 07 | 670 | 6.69 | 1966 | Mar. 04 | 3,880 | 9.80 | 1975 | Apr. 15 | 1,360 | 7.80 |
| 1957 | Apr. 06 | 1,240 | 7.65 | 1967 | July 08 | 606 | 6.54 | 1976 | Mar. 16 | 291 | 5.52 |
| 1958 | Mar. 10 | 775 | 6.89 | 1968 | Jan. 11 | 441 | 6.02 | 1980 | Mar. 13 | 5,240 | 10.48c |
| 1959 | Mar. 06 | 1,180 | 7.57 | | | | | | | | |

## 02225210 HURRICANE BRANCH NEAR WRIGHTSVILLE, GEORGIA

LOCATION.--Lat 32°47'00", long 82°34'42", Johnson County, at culvert on U.S. Highway 319, 9.6 mi northeast of Wrightsville.
DRAINAGE AREA.--3.53 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 265 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 270 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 24 | 126 | 2.24 | 1969 | Aug. 12 | 210 | 2.65 | 1973 | Feb. 02 | 650 | 4.28 |
| 1966 | July 14 | 271 | 2.87 | 1970 | Mar. 31 | 239 | 2.76 | 1974 | Mar. -- | 43 | --b |
| 1967 | July 09 | 136 | 2.30 | 1971 | Apr. 24 | 165 | 2.45 | 1980 | Mar. 13 | 600 | 4.10c |
| 1968 | Jan. 10 | 45 | 1.58 | 1972 | Jan. 13 | 222 | 2.70 | | | | |

## 02225240 CROOKED CREEK NEAR KITE, GEORGIA
(Formerly published as "Little Ohoopee River Tributary near Kite, Georgia"

LOCATION.--Lat 32°40'22", long 82°26'43", Emanuel County, at culvert on State Highway 57, 5 mi southeast of Kite.
DRAINAGE AREA.--7.22 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 230 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 400 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Feb. 17 | 231 | 4.43 | 1969 | May 19 | 126 | 3.85 | 1973 | Feb. 02 | 606 | 5.82 |
| 1966 | Mar. 05 | 229 | 4.42 | 1970 | Mar. 21 | 251 | 4.55 | 1974 | Apr. 09 | 50.0 | 3.42 |
| 1967 | Feb. 07 | 70 | 3.55 | 1971 | May 08 | 110 | 3.75 | 1980 | Mar. 13 | 700 | 6.10c |
| 1968 | Jan. -- | 38 | --b | 1972 | Jan. 14 | 122 | 3.84 | | | | |

## 02225250 LITTLE OHOOPEE RIVER NEAR SWAINSBORO, GEORGIA

LOCATION.--Lat 32°33'44", long 82°28'03", Emanuel County, on Stage Highway 26 and U.S. Highway 80, 9 mi west of Swainsboro.
DRAINAGE AREA.--216 $mi^2$.
GAGE.--Crest-stage gage. Prior to Nov. 13, 1972 at same site, at datum about 4.6 ft higher. Datum of gage is 184.12 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 7,440 $ft^3/s$, and extended above on basis of slope-conveyance studes and straight-line extension.
REMARKS.--The flood stages of 1925 and 1929 were based on information provided by the Georgia Department of Transportation. Peak discharges for 1925 and 1929 are estimates.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Feb. -- | 9,800 | 12.00c | 1981 | Apr. 02 | 1,350 | 5.74 | 1986 | Dec. 15 | 3,510 | 8.01 |
| 1929 | Mar. -- | 13,500 | 14.00c | 1982 | Jan. 04 | 2,430 | 7.03 | 1987 | Jan. 23 | 3,430 | 7.94 |
| 1970 | Apr. 01 | 3,700 | 8.30 | 1983 | Feb. 15 | 3,540 | 8.03 | 1988 | Mar. -- | 2,300 | --b |
| 1972 | Jan. 14 | 3,480 | 8.12 | 1984 | Mar. 06 | 2,000 | --b | 1989 | Feb. -- | 2,300 | --b |
| 1980 | Mar. 14 | 6,870 | 10.42 | 1985 | Aug. 31 | 1,300 | --b | 1990 | Oct. 04 | 2,720 | 7.40 |

## 02225300 OHOOPEE RIVER NEAR OAK PARK, GEORGIA

LOCATION.--Lat 32°23'29", long 82°18'49", Emanuel County, at U.S. Highway 1, 2.5 mi north of Oak Park.
DRAINAGE AREA.--620 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 140.00 ft above sea level (levels from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 11,000 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and discharge, 8 ft and 2,400 $ft^3/s$.
REMARKS.--Flood stage of 1925 from the Georgia Department of Transportation. Flood stage of 1925 is thought to be the highest since 1886, based on information at nearby stations. Peak discharge of 1925 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. -- | 33,000 | 15.70c | 1956 | Apr. 17 | 2,300 | 7.94 | 1961 | Apr. 17 | 9,900 | 11.60 |
| 1951 | Apr. 01 | 1,970 | 7.48 | 1957 | Apr. 12 | 2,400 | 8.00 | 1962 | Mar. 13 | 8,400 | 11.14 |
| 1952 | Mar. 27 | 4,260 | 9.42 | 1958 | Mar. 10 | 4,990 | 9.80 | 1963 | Jan. 20 | 3,600 | 8.98 |
| 1953 | Sept. 29 | 3,210 | 8.70 | 1959 | Mar. 08 | 4,990 | 9.81 | 1964 | Mar. 04 | 6,150 | 10.34 |
| 1954 | Dec. 15 | 1,540 | 6.87 | 1960 | Apr. 06 | 14,000 | 12.62 | 1965 | Feb. 19 | 10,300 | 11.70 |
| 1955 | Apr. 15 | 3,910 | 9.25 | | | | | | | | |

## 02225320 OHOOPEE RIVER NEAR ALINE, GEORGIA

LOCATION.--Lat 32°20'53", long 82°14'52", Emanuel-Candler County line, at county road 5 mi west of Aline.
DRAINAGE AREA.--698 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 123.60 ft above sea level (levels from Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 14,000 $ft^3/s$, and extended above on basis of straight-line extension.
REMARKS.--Flood of March 1980 is thought to be the highest since 1929, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1975 | Feb. 21 | 7,850 | 14.86c | 1982 | Jan. 07 | 4,580 | 13.35 | 1985 | Aug. 31 | 2,700 | 11.88 |
| 1980 | Mar. 16 | 15,200 | 17.25 | 1983 | Mar. 08 | 7,500 | 14.72 | 1986 | Dec. 15 | 9,020 | 15.33 |
| 1981 | Apr. 03 | 2,550 | 11.69 | 1984 | Mar. 06 | 3,900 | 12.90 | 1987 | Mar. 03 | 10,300 | 15.85 |

## 02225330 BEAVER CREEK NEAR COBBTOWN, GEORGIA

LOCATION.--Lat 32°16'52", long 82°11'27", Tattnall County, at culvert on Stage Highway 152, 3.3 mi west of Cobbtown.
DRAINAGE AREA.--9.58 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to 1975, crest-stage gage thereafter. Datum of gage is about 150 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 470 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Oct. 15 | 305 | 4.76 | 1974 | Feb. 07 | 164 | 4.01 | 1983 | Aug. 01 | 181 | 4.12 |
| 1966 | Mar. 03 | 826 | 6.11 | 1975 | Apr. 14 | 252 | 4.51 | 1984 | May 03 | 488 | 5.35 |
| 1967 | Jan. 02 | 137 | 3.81 | 1976 | June 21 | 286 | 4.67 | 1985 | Sept. 01 | 61 | 2.78 |
| 1968 | Jan. 02 | 36 | 2.14 | 1977 | Oct. 20 | 137 | 3.81 | 1986 | Dec. 13 | 820 | 6.10 |
| 1969 | May 19 | 290 | 4.70 | 1978 | Jan. 25 | 428 | 5.18 | 1987 | Mar. 01 | 292 | 4.71 |
| 1970 | Mar. 22 | 242 | 4.46 | 1979 | Feb. 24 | 164 | 4.01 | 1988 | Mar. 09 | 70 | 2.94 |
| 1971 | Aug. 17 | 137 | 3.81 | 1980 | Mar. 13 | 204 | 4.26 | 1989 | Apr. 15 | 70 | 2.95 |
| 1972 | Mar. 29 | 266 | 4.58 | 1981 | Aug. 08 | 234 | 4.42 | 1990 | Oct. 04 | 376 | 5.02 |
| 1973 | Aug. -- | 526 | 5.46 | 1982 | Feb. 13 | 318 | 4.81 | | | | |

## 02225350 REEDY CREEK TRIBUTARY NEAR SOPERTON, GEORGIA
(Formerly published as "Pendleton Creek Tributary No. 2 near Soperton, Georgia")

LOCATION.--Lat 32°25'35", long 82°29'52", Treutlen County, at culvert on Stage Highway 86,6.5 mi northeast of Soperton.
DRAINAGE AREA.--1.68 $mi^2$.
GAGE.--Flood-stage recorder prior to Aug. 25, 1965; flood-stage/rainfall recorder from Aug. 25, 1965 to 1975; crest-stage gage thereafter. Datum of gage is about 223 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 86 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Feb. 17 | 95 | 2.29 | 1973 | June 22 | 290 | 3.47 | 1981 | Aug. 08 | 70 | 2.08 |
| 1966 | Mar. 03 | 208 | 2.99 | 1974 | Feb. 08 | 38 | 1.75 | 1982 | June 05 | 122 | 2.48 |
| 1967 | Jan. 01 | 74 | 2.12 | 1975 | July 15 | 208 | 2.99 | 1983 | Feb. 14 | 108 | 2.27 |
| 1968 | Jan. -- | 29 | --b | 1976 | June 21 | 55 | 1.95 | 1984 | May 03 | 290 | 3.47 |
| 1969 | June 04 | 53 | 1.92 | 1977 | Oct. 20 | 110 | 2.40 | 1985 | July 23 | 132 | 2.54 |
| 1970 | May 28 | 259 | 3.29 | 1978 | Jan. 25 | 222 | 3.07 | 1986 | Dec. 13 | 224 | 3.08 |
| 1971 | Mar. 02 | 174 | 2.79 | 1979 | Feb. 24 | 60 | 3.24 | 1987 | Mar. 01 | 157 | 2.69 |
| 1972 | Feb. 01 | 88.0 | 2.24 | 1980 | Mar. 13 | 119 | 2.46 | 1988 | Mar. -- | 13 | --b |

## 02225500 OHOOPEE RIVER NEAR REIDSVILLE, GEORGIA

LOCATION.--Lat 32°04'42", long 82°10'39", Tattnall County, on downstream side of pier near center of span of bridge on State Highway 56, 0.5 mi downstream from Brazells Creek, 1.5 mi downstream from Rocky Creek, 3.5 mi west of Reidsville, 6 mi downstream from Pendleton Creek, and 14 mi upstream from mouth.
DRAINAGE AREA.--1,110 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 73.8 ft above sea level (levels by Georgia Department of Transportation), nonrecording gage from June 13, 1903 to Dec. 31, 1907, at same site and different datum. Prior to Feb. 15, 1941, nonrecording gage at same site, and at same datum May 25, 1937, to Feb. 15, 1941.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 16,000 $ft^3/s$, and extended above on basis of slope-conveyance studies. Bankfull stage and discharge, 11 ft and 3,200 $ft^3/s$.
HISTORICAL DATA.--Flood stages of 1925, 1928, and 1929 based on information furnished by the Georgia Department of Transportation. The 1925 flood was the highest since at least 1886, based on information furnished by local residents.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1904 | Feb. 12 | 4,890 | 12.10 | 1951 | Apr. 02 | 4,240 | 12.40 | 1971 | Mar. 06 | 10,700 | 17.95 |
| 1905 | Feb. 17 | 14,900 | 19.00 | 1952 | Mar. 30 | 5,420 | 13.70 | 1972 | Feb. 05 | 9,070 | 17.01 |
| 1906 | June 20 | 4,120 | 11.00 | 1953 | Mar. 01 | 7,140 | 15.30 | 1973 | Feb. 07 | 11,400 | 18.30 |
| 1907 | July 05 | 4,120 | 11.00c | 1954 | Oct. 01 | 6,350 | 14.60 | 1974 | Feb. 23 | 5,170 | 14.19 |
| 1925 | Jan. -- | 47,000 | 28.40c | 1955 | Apr. 20 | 4,160 | 12.60 | 1975 | Feb. 24 | 11,100 | 18.16 |
| 1928 | Aug. -- | 16,300 | 20.60c | 1956 | Feb. 09 | 3,540 | 11.50 | 1976 | Feb. 03 | 2,940 | 11.31 |
| 1930 | Oct. -- | 26,500 | 24.00c | 1957 | July 30 | 8,270 | 16.20 | 1977 | Mar. 14 | 6,330 | 15.74 |
| 1938 | Apr. 13 | 6,990 | 15.30 | 1958 | Mar. 12 | 7,610 | 16.10 | 1978 | Jan. 29 | 12,000 | 18.59 |
| 1939 | Mar. 03 | 15,100 | 19.80 | 1959 | Mar. 07 | 6,060 | 15.00 | 1979 | Feb. 28 | 14,600 | 19.83 |
| 1940 | Aug. 16 | 14,900 | 19.70 | 1960 | Apr. 08 | 14,600 | 19.80 | 1980 | Mar. 17 | 18,000 | 20.87 |
| 1941 | July 20 | 7,840 | 15.90 | 1961 | Apr. 19 | 11,000 | 18.10 | 1981 | Apr. 05 | 3,800 | 12.28 |
| 1942 | Dec. 29 | 7,060 | 15.30 | 1962 | Mar. 17 | 8,250 | 16.50 | 1982 | Jan. 09 | 4,800 | 13.40 |
| 1943 | Jan. 24 | 7,450 | 15.60 | 1963 | Jan. 28 | 3,820 | 12.50 | 1983 | Mar. 10 | 9,190 | 17.18 |
| 1944 | Mar. 27 | 12,700 | 18.90 | 1964 | Mar. 06 | 10,300 | 17.70 | 1984 | May 05 | 8,860 | 16.97 |
| 1945 | Feb. 27 | 3,130 | 11.00 | 1965 | Feb. 20 | 14,400 | 19.71 | 1985 | Sept. 01 | 4,170 | 12.84 |
| 1946 | Jan. 23 | 4,950 | 13.20 | 1966 | Mar. 06 | 24,400 | 23.34 | 1986 | Feb. 13 | 7,340 | 15.87 |
| 1947 | Mar. 13 | 7,980 | 16.00 | 1967 | Jan. 07 | 6,560 | 15.40 | 1987 | Jan. 25 | 14,400 | 19.62 |
| 1948 | Apr. 04 | 13,500 | 19.30 | 1968 | Jan. 19 | 1,460 | 7.98 | 1988 | Mar. 13 | 3,480 | 11.91 |
| 1949 | Dec. 04 | 5,870 | 14.20 | 1969 | May 22 | 5,150 | 14.17 | 1989 | Apr. 15 | 5,070 | 13.87 |
| 1950 | Sept. 08 | 1,930 | 8.20 | 1970 | Apr. 04 | 10,400 | 17.78 | 1990 | Jan. 09 | 8,830 | 16.95 |

## 02225850 BEARDS CREEK NEAR GLENNVILLE, GEORGIA

LOCATION.--Lat 31°55'26", long 81°52'58", Tattnall County, at State Highway 144, 3 mi east of Glennville.
DRAINAGE AREA.--74.4 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 90 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,000 $ft^3/s$. Bankfull stage and discharge, 4 ft and 200 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | May 24 | 2,570 | 7.49 | 1974 | Jan. 04 | 1,100 | 5.80 | 1981 | Apr. 03 | 840 | 5.40 |
| 1967 | July 30 | 995 | 5.65 | 1975 | Apr. 16 | 1,620 | 6.47 | 1982 | July 12 | 460 | 4.72 |
| 1968 | June 00 | 120 | --b | 1976 | Aug. 03 | 1,670 | 6.54 | 1983 | Apr. 24 | 876 | 5.46 |
| 1969 | May 20 | 6,700 | 10.73 | 1977 | Nov. 29 | 1,840 | 6.87 | 1984 | Jan. 27 | 1,310 | 6.09 |
| 1970 | May 30 | 1,480 | 6.30 | 1978 | Jan. 26 | 600 | 5.00 | 1985 | Sept. 02 | 535 | 4.87 |
| 1971 | Feb. 12 | 3,500 | 8.33 | 1979 | Sept. 27 | 1,200 | 5.95 | 1986 | Feb. 12 | 2,650 | 7.57 |
| 1972 | Feb. 04 | 1,140 | 5.85 | 1980 | Apr. 05 | 936 | 5.56 | 1987 | Jan. 23 | 1,240 | 6.00 |
| 1973 | Apr. 01 | 1,040 | 5.72 | | | | | | | | |

## 02226000 ALTAMAHA RIVER AT DOCTORTOWN, GEORGIA

LOCATION.--Lat 31°39'16", long 81°49'41", Wayne County, on right bank 60 ft downstream from Seaboard Coast Line Railroad bridge at Doctortown, 4.5 mi northeast of Jesup, and at mile 64.5.
DRAINAGE AREA.--13,600 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 28.48 ft above sea level (from U.S. Coast and Geodetic Survey benchmark), supplementary adjustment of 1936. Prior to Dec. 5, 1934, nonrecording gage at same site and datum, and Sept. 5, 1934 to Sept. 30, 1975, at same site at datum 4.0 ft higher. Peak stages for 1925-75 have been converted to present datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 180,000 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 8 ft and 9,200 $ft^3/s$.
HISTORICAL DATA.--Flood of 1925 exceeded any flood described in old newspaper files, historical writings, and similar sources. This flood is believed to be the highest since 1800.
REMARKS.--Stage records for 1925-31 from National Weather Service. Minor regulation of lower peaks by storage in Lloyd Shoals, Lake Oconee, and Sinclair Reservoirs. (See staion 02225000.)

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. 23 | 300,000 | 18.60 | 1947 | Mar. 21 | 71,000 | 13.00 | 1969 | May 04 | 34,700 | 11.37 |
| 1926 | Feb. 04 | 53,900 | 12.40 | 1948 | Apr. 04 | 92,500 | 14.00 | 1970 | Apr. 06 | 79,000 | 14.04 |
| 1927 | Aug. 02 | 23,000 | 10.60 | 1949 | Dec. 12 | 118,000 | 14.80 | 1971 | Mar. 16 | 96,200 | 14.76 |
| 1928 | Aug. 25 | 126,000 | 15.00 | 1950 | Mar. 22 | 23,400 | 10.30 | 1972 | Jan. 25 | 73,700 | 13.82 |
| 1929 | Mar. 13 | 179,000 | 16.30 | 1951 | Apr. 04 | 29,000 | 10.80 | 1973 | Feb. 14 | 63,600 | 13.38 |
| 1930 | Oct. 13 | 133,000 | 15.20 | 1952 | Mar. 18 | 71,400 | 13.20 | 1974 | Feb. 28 | 48,600 | 12.60 |
| 1931 | May 18 | 32,300 | 11.10 | 1953 | May 16 | 66,700 | 13.00 | 1975 | Mar. 28 | 104,000 | 14.71 |
| 1932 | Jan. 21 | 36,800 | 11.40 | 1954 | Dec. 30 | 39,600 | 11.60 | 1976 | Mar. 31 | 60,800 | 12.90 |
| 1933 | Mar. 04 | 46,400 | 12.10 | 1955 | Apr. 26 | 22,400 | 10.20 | 1977 | Apr. 03 | 55,500 | 12.65 |
| 1934 | Mar. 17 | 46,400 | 12.10 | 1956 | Apr. 01 | 32,700 | 11.10 | 1978 | Feb. 07 | 90,000 | 14.16 |
| 1935 | Sept. 15 | 21,600 | 10.30 | 1957 | Apr. 11 | 31,400 | 11.00 | 1979 | Mar. 08 | 90,200 | 14.17 |
| 1936 | Apr. 18 | 178,000 | 16.00 | 1958 | Mar. 15 | 53,700 | 12.40 | 1980 | Mar. 23 | 99,200 | 14.53 |
| 1937 | May 13 | 47,800 | 12.10 | 1959 | Mar. 16 | 44,300 | 11.90 | 1981 | Feb. 26 | 37,800 | 11.59 |
| 1938 | Apr. 19 | 68,000 | 13.00 | 1960 | Apr. 12 | 89,600 | 13.90 | 1982 | Feb. 17 | 60,600 | 12.89 |
| 1939 | Mar. 11 | 98,000 | 14.20 | 1961 | Mar. 10 | 81,400 | 13.60 | 1983 | Apr. 21 | 69,300 | 13.30 |
| 1940 | Mar. 03 | 35,300 | 11.30 | 1962 | Mar. 10 | 53,700 | 12.40 | 1984 | Mar. 11 | 62,400 | 12.97 |
| 1941 | July 26 | 27,500 | 10.70 | 1963 | Feb. 04 | 53,700 | 12.40 | 1985 | Feb. 19 | 47,000 | 12.18 |
| 1942 | Apr. 03 | 89,500 | 14.00 | 1964 | Apr. 20 | 79,000 | 13.90 | 1986 | Feb. 15 | 41,800 | 11.86 |
| 1943 | Apr. 02 | 71,100 | 13.30 | 1965 | Feb. 23 | 66,000 | 13.30 | 1987 | Jan. 28 | 75,600 | 13.58 |
| 1944 | Apr. 02 | 112,000 | 14.50 | 1966 | Mar. 12 | 110,000 | 14.84 | 1988 | Mar. 16 | 23,700 | 10.36 |
| 1945 | May 10 | 35,200 | 11.30 | 1967 | Jan. 16 | 51,400 | 12.44 | 1989 | Apr. 23 | 31,900 | 11.14 |
| 1946 | Jan. 22 | 71,000 | 13.00 | 1968 | Jan. 26 | 26,000 | 10.61 | 1990 | Mar. 31 | 70,600 | 13.36 |

## 02226030 DOCTORS CREEK NEAR LUDOWICI, GEORGIA

LOCATION.--Lat 31°44'07", long 81°42'08", Long County, at Stage Highway 38, 3 mi northeast of Ludowici.
DRAINAGE AREA.--33 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is about 47 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 640 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--Peak discharge for 1970 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | Mar. 15 | 558 | 7.40 | 1974 | Jan. 04 | 527 | 7.26 | 1981 | Apr. 03 | 189 | 5.55 |
| 1967 | July 30 | 384 | 6.57 | 1975 | Apr. 16 | 474 | 7.02 | 1982 | Apr. 27 | 203 | 5.63 |
| 1968 | June 07 | 105 | 5.01 | 1976 | May 15 | 664 | 7.83 | 1983 | Mar. 08 | 518 | 7.22 |
| 1969 | Mar. 19 | 223 | 5.74 | 1977 | Nov. 29 | 416 | 6.73 | 1984 | Jan. 27 | 750 | 8.39 |
| 1970 | Mar. 31 | 1,500 | 10.05 | 1978 | Dec. 03 | 394 | 6.62 | 1985 | Sept. 02 | 254 | 5.91 |
| 1971 | July 05 | 227 | 5.76 | 1979 | Sept. 27 | 562 | 7.42 | 1986 | Feb. 12 | 567 | 7.44 |
| 1972 | June 20 | 445 | 6.87 | 1980 | Mar. 13 | 677 | 7.89 | 1987 | Jan. 23 | 689 | 7.93 |
| 1973 | Feb. 02 | 422 | 6.76 | | | | | | | | |

## 02226100 PENHOLOWAY CREEK NEAR JESUP, GEORGIA

LOCATION.--Lat 31°34'00", long 81°50'18", Wayne County, on downstream side of bridge on U.S. Highway 341, 4 mi southeast of Jesup, and about 9.5 mi upstream from mouth.
DRAINAGE AREA.--210 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 19.09 ft above sea level (from U.S. Coast and Geodetic Survey benchmark). Since May 6, 1966, auxiliary water-stage recorder at highway bridge, 2.5 mi downstream.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,800 $ft^3/s$. Bankfull stage and discharge, 9 ft and 900 $ft^3/s$.
REMARKS.--Peak discharges for 1974 and 1975 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | Mar. 07 | 3,500 | 14.00 | 1970 | Nov. 03 | 1,320 | 11.57 | 1981 | Apr. 03 | 392 | 9.65 |
| 1960 | Apr. 06 | 1,560 | 11.74 | 1971 | Aug. 18 | 2,140 | 12.53 | 1982 | July 20 | 1,400 | 11.68 |
| 1961 | Apr. 17 | 4,300 | 14.80 | 1972 | Feb. 08 | 903 | 11.02 | 1983 | Mar. 19 | 1,960 | 12.35 |
| 1962 | Apr. 03 | 1,520 | 11.72 | 1973 | Apr. 05 | 2,680 | 13.18 | 1984 | Mar. 08 | 3,840 | 14.38 |
| 1963 | June 28 | 2,320 | 12.70 | 1974 | Aug. 17 | 810 | -- | 1985 | Sept. 03 | 1,030 | 11.08 |
| 1964 | Sept. 14 | 3,800 | 14.30 | 1975 | May 19 | 1,740 | -- | 1986 | Feb. 12 | 2,460 | 12.92 |
| 1965 | Mar. 05 | 2,000 | 12.30 | 1976 | June 22 | 1,240 | 11.48 | 1987 | Jan. 06 | 1,700 | 12.13 |
| 1966 | July 03 | 3,460 | 13.96 | 1977 | Nov. 30 | 2,060 | 12.45 | 1988 | Feb. 22 | 1,500 | 11.74 |
| 1967 | Jan. 06 | 2,030 | 12.41 | 1978 | Dec. 03 | 2,170 | 12.48 | 1989 | Sept. 02 | 1,460 | 11.68 |
| 1968 | June 09 | 2,130 | 12.52 | 1979 | Sept. 30 | 4,420 | 14.96 | 1990 | Oct. 20 | 3,500 | 14.04 |
| 1969 | Aug. 15 | 3,180 | 13.68 | 1980 | Mar. 14 | 3,250 | 13.78 | | | | |

ALTAMAHA RIVER BASIN

02226190 LITTLE CREEK NEAR WILLACOOCHEE, GEORGIA
(Formerly published as "Satilla River Tributary near Willacoochee, Georgia"

LOCATION.--Lat 31°27'24", long 83°03'02", Coffee County, at culvert on State Highway 149, 8.5 mi north of Willacoochee.
DRAINAGE AREA.--6.38 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Aug. 21, 1970; water-stage recorder from Aug. 21, 1970 to 1975, crest-stage thereafter. Datum of gage is about 205 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 580 $ft^3/s$, and extended above on basis of culvert computation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Dec. 04 | 595 | 5.13 | 1973 | Apr. 26 | 290 | 3.82 | 1981 | Aug. 10 | 68 | 2.52 |
| 1966 | Mar. 05 | 178 | 3.35 | 1974 | Sept. 08 | 160 | 3.20 | 1982 | Apr. 25 | 190 | 3.33 |
| 1967 | Jan. 01 | 75 | 2.88 | 1975 | Apr. 11 | 472 | 4.61 | 1983 | Mar. 13 | 242 | 3.67 |
| 1968 | Mar. 12 | 48 | 2.63 | 1976 | May 15 | 545 | 4.90 | 1984 | Mar. 06 | 620 | 5.15 |
| 1969 | Aug. 23 | 93 | 3.03 | 1977 | Jan. 05 | 175 | 3.30 | 1985 | Aug. 29 | 170 | 3.27 |
| 1970 | May 29 | 945 | 5.93 | 1978 | Jan. 25 | 130 | 3.00 | 1986 | Feb. 11 | 558 | 4.95 |
| 1971 | Aug. 29 | 377 | 4.21 | 1979 | Feb. 25 | 418 | 4.39 | 1987 | Mar. 01 | 215 | 3.55 |
| 1972 | Feb. 03 | 181 | 3.42 | 1980 | Mar. 13 | 252 | 3.71 | | | | |

SATILLA RIVER BASIN

02226200 SATILLA RIVER NEAR DOUGLAS, GEORGIA

LOCATION.--Lat 31°24'49", long 82°51'02", Coffee County, at U.S. Highway 441, 6.5 mi south of Douglas.
DRAINAGE AREA.--235 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 150.17 ft above sea level (levels by Georgia Department of Transportation) supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,780 $ft^3/s$, and extended above on basis of slope-conveyance studies. Bankfull stage and discharge, 6 ft and 1,200 $ft^3/s$.
REMARKS.--Peak discharge for 1948 is estimated.
HISTORICAL DATA.--Flood stage of 1948 based on information furnished by the Georgia Department of Transportation. The 1948 flood was the highest since 1862, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. -- | 15,500 | 15.40c | 1960 | Apr. 05 | 6,040 | 10.60 | 1970 | June 01 | 4,300 | 9.50 |
| 1951 | Apr. 01 | 2,220 | 7.21 | 1961 | Apr. 16 | 4,680 | 9.60 | 1971 | Feb. -- | 1,200 | --b |
| 1952 | Mar. 06 | 830 | 5.35 | 1962 | Apr. 01 | 1,560 | 6.47 | 1972 | Feb. 03 | 2,120 | 7.09 |
| 1953 | Sept. 29 | 2,490 | 7.46 | 1963 | July 09 | 1,520 | 6.41 | 1973 | Feb. 03 | 2,290 | 7.28 |
| 1954 | Dec. 17 | 495 | --b | 1964 | Mar. 02 | 3,740 | 8.81 | 1974 | Feb. 20 | 940 | 5.54 |
| 1955 | Apr. 16 | 800 | 5.31 | 1965 | Dec. 05 | 6,180 | 10.70 | 1975 | Jan. 20 | 3,560 | 8.62 |
| 1956 | Feb. 08 | 1,100 | 5.81 | 1966 | Mar. 05 | 2,380 | 7.38 | 1976 | May 16 | 1,870 | 6.81 |
| 1957 | Aug. 09 | 1,220 | 5.98 | 1967 | Jan. 04 | 1,530 | 6.41 | 1984 | Mar. 07 | 5,910 | 10.51c |
| 1958 | Apr. 11 | 2,040 | 6.98 | 1968 | Mar. -- | 1,210 | --b | 1986 | Feb. 12 | 6,040 | 10.60c |
| 1959 | Mar. 09 | 3,640 | 8.68 | 1969 | Mar. 25 | 1,350 | 6.19 | | | | |

## 02226300 SATILLA RIVER NEAR PEARSON, GEORGIA

LOCATION.--Lat 31°20'11", long 82°46'07", Atkinson County, at State Highway 64, 6 mi northeast of Pearson.
DRAINAGE AREA.--355 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 123.18 ft above sea level (levels by Georgia Department of Transportation) supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 7,050 $ft^3/s$, and extended above on basis of slope-conveyance studies. Bankfull stage and discharge, 10 ft and 1,200 $ft^3/s$.
HISTORICAL DATA.--Flood stage of 1948 based on information by the Georgia Department of Transportation. The 1948 flood was the highest since 1862, based on information at nearby stations.
REMARKS.--Peak discharge for 1948 and 1962 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. 04 | 19,500 | 20.60c | 1958 | Apr. 11 | 1,780 | 11.42 | 1963 | July 09 | 4,380 | 14.23 |
| 1953 | Sept. 29 | 3,240 | 13.61 | 1959 | Mar. 09 | 6,940 | 15.93 | 1964 | Mar. 02 | 7,100 | 15.98 |
| 1954 | Jan. 03 | 1,180 | 9.82 | 1960 | Apr. 05 | 8,200 | 16.63 | 1965 | Dec. 05 | 11,500 | 18.00 |
| 1955 | Apr. 15 | 970 | 9.24 | 1961 | Apr. 16 | 3,740 | 13.71 | 1984 | Mar. 07 | 13,400 | 18.72c |
| 1956 | Feb. 22 | 1,870 | 11.62 | 1962 | Apr. 02 | 2,300 | -- | 1986 | Feb. 12 | 8,040 | 16.52c |
| 1957 | June 10 | 1,780 | 11.43 | | | | | | | | |

## 02226500 SATILLA RIVER NEAR WAYCROSS, GEORGIA

LOCATION.--Lat 31°14'17", long 82°19'29", Ware-Pierce County line, on downstream side of pier near center span of bridge on State Highway 38, 3 mi northeast of Waycross, and 16 mi upstream from Alabaha River.
DRAINAGE AREA.--1,200 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 66.43 ft above sea level (from U.S. Coast and Geodetic Survey benchmark), supplementary adjustment of 1936. Prior to Nov. 22, 1952, nonrecording gage at site 300 ft downstream at same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 23,000 $ft^3/s$, and extended above on basis of slope-conveyance studies. Bankfull stage and discharge, 12 ft and 2,400 $ft^3/s$.
HISTORICAL DATA.--The flood of September 1928 based on information furnished by an employee of the Atlantic Coast Line Railroad Company. This was reported by a local newspaper to be the highest know to the oldest settlers at that time. Based on this information, the flood of 1948 is probably the highest since at least 1862.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1928 | May 00 | 37,000 | 22.20c | 1955 | Sept. 14 | 2,220 | 11.60 | 1973 | Apr. 07 | 15,300 | 18.75 |
| 1937 | Apr. 11 | 9,240 | 16.20 | 1956 | Feb. 16 | 2,320 | 12.00 | 1974 | Sept. 14 | 7,850 | 16.50 |
| 1938 | July 30 | 4,160 | 14.10 | 1957 | June 17 | 4,300 | 14.20 | 1975 | Apr. 18 | 9,900 | 17.20 |
| 1939 | Mar. 04 | 11,000 | 17.00 | 1958 | Apr. 16 | 9,700 | 16.90 | 1976 | May 29 | 8,340 | 16.68 |
| 1940 | Feb. 23 | 4,300 | 14.20 | 1959 | Mar. 09 | 18,800 | 19.30 | 1977 | Dec. 03 | 9,660 | 17.12 |
| 1941 | Mar. 29 | 1,960 | 10.80 | 1960 | Apr. 08 | 20,600 | 19.70 | 1978 | Jan. 25 | 7,480 | 16.35 |
| 1942 | Jan. 06 | 12,800 | 17.60 | 1961 | Apr. 20 | 17,400 | 19.30 | 1979 | Mar. 01 | 11,000 | 17.56 |
| 1943 | Mar. 12 | 3,120 | 13.00 | 1962 | Apr. 08 | 7,500 | 16.30 | 1980 | Mar. 16 | 16,200 | 19.01 |
| 1944 | Mar. 10 | 13,400 | 18.00 | 1963 | July 02 | 4,200 | 14.50 | 1981 | Apr. 04 | 1,190 | 10.50 |
| 1945 | Oct. 25 | 8,270 | 16.40 | 1964 | Mar. 09 | 16,200 | 19.00 | 1982 | May 02 | 5,520 | 15.51 |
| 1946 | July 31 | 4,820 | 14.60 | 1965 | Dec. 08 | 21,000 | 20.10 | 1983 | Mar. 11 | 14,900 | 18.24 |
| 1947 | Apr. 21 | 8,520 | 16.50 | 1966 | Mar. 09 | 9,840 | 17.18 | 1984 | Mar. 10 | 23,400 | 20.29 |
| 1948 | Apr. 04 | 39,000 | 22.40 | 1967 | Jan. 08 | 8,490 | 16.73 | 1985 | Sept. 06 | 3,670 | 14.33 |
| 1949 | Sept. 04 | 13,800 | 18.10 | 1968 | Mar. 19 | 1,790 | 11.37 | 1986 | Feb. 13 | 21,900 | 20.03 |
| 1950 | July 15 | 3,450 | 13.40 | 1969 | May 26 | 6,150 | 15.82 | 1987 | Jan. 23 | 8,500 | 16.76 |
| 1951 | Apr. 04 | 7,770 | 16.20 | 1970 | Apr. 02 | 6,700 | 16.04 | 1988 | Feb. 24 | 6,950 | 16.15 |
| 1952 | Mar. 04 | 2,870 | 12.70 | 1971 | Aug. 21 | 7,820 | 16.49 | 1989 | Sept. 04 | 1,280 | 10.66 |
| 1953 | Apr. 18 | 4,300 | 14.30 | 1972 | Feb. 10 | 8,700 | 16.80 | 1990 | Feb. 25 | 4,500 | 15.00 |
| 1954 | Oct. 01 | 13,800 | 18.10 | | | | | | | | |

## 02226580 BIG CREEK NEAR HOBOKEN, GEORGIA

LOCATION.--Lat 31°10'28", long 82°11'17", Brantley County, at State Highway 50, 2.5 mi west of Hoboken.
DRAINAGE AREA.--60 $mi^2$, approximately (revised).
GAGE.--Crest-stage gage. Datum of gage is 70.28 ft above sea level (levels from the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,570 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and discharge, 6.5 ft and 100 $ft^3/s$.
REMARKS.--Peak discharges for 1973, 1976, 1977, and 1981 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | Mar. 05 | 1,650 | 10.49 | 1974 | Sept. 07 | 672 | 8.38 | 1981 | Mar. 05 | 200 | 6.77 |
| 1967 | Jan. 04 | 760 | 8.58 | 1975 | Apr. 11 | 1,060 | 9.17 | 1982 | May 01 | 725 | 8.51 |
| 1968 | July 00 | 300 | --b | 1976 | Mar. 16 | 300 | 7.28 | 1983 | Feb. 16 | 840 | 8.74 |
| 1969 | Aug. 24 | 1,820 | 10.79 | 1977 | Nov. 29 | 2,090 | 11.23 | 1984 | Mar. 07 | 3,130 | 12.96 |
| 1970 | Feb. 05 | 345 | 7.55 | 1978 | Dec. 04 | 560 | 8.10 | 1985 | Aug. 30 | 1,820 | 10.78 |
| 1971 | Aug. 19 | 1,060 | 9.17 | 1979 | June 19 | 1,160 | 9.39 | 1986 | Feb. 11 | 2,650 | 12.16 |
| 1972 | June 20 | 870 | 8.80 | 1980 | Mar. 14 | 720 | 8.50 | 1987 | Jan. 22 | 1,185 | 9.57 |
| 1973 | Apr. 04 | 2,210 | 11.44 | | | | | | | | |

## 02226582 SATILLA RIVER NEAR HOBOKEN, GEORGIA

LOCATION.--Lat 31°13'00", long 82°09'45", Pierce-Brantley County line, at State Highways 15 and 121, 3 mi north of Hoboken.
DRAINAGE AREA.--1,350 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 52.5 ft above sea level (levels from the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 28,800 $ft^3/s$, and extended above on basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1970 | Apr. 02 | 7,380 | 12.15 | 1973 | Apr. 08 | 16,600 | 14.48 | 1977 | Dec. 03 | 9,860 | 12.99 |
| 1971 | Aug. 21 | 8,360 | 12.52 | 1974 | Sept. 14 | 8,090 | 12.43 | 1984 | Mar. 10 | 22,900 | 15.36c |
| 1972 | Feb. 11 | 9,170 | 12.79 | 1975 | Apr. 18 | 10,300 | 13.11 | 1986 | Feb. 14 | 25,800 | 15.72c |

## 02226700 WHITEHEAD CREEK NEAR DENTON, GEORGIA

LOCATION.--Lat 31°44'00", long 82°41'26", Jeff Davis County, on left bank at downstream side of bridge on U.S. Highway 221 and State Highway 135, 5.1 mi upstream from mouth, and 1.0 mi northeast of Denton.
DRAINAGE AREA.--28 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is about 208 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,150 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and discharge, 2.5 ft and 60 $ft^3/s$.
REMARKS.--Flood stage of 1953 provided by the Georgia Department of Transportation. The flood of 1953 is at least the highest since 1948, based on information at nearby stations. Peak discharge of 1953 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1953 | Sept. 27 | 2,400 | 8.50c | 1959 | Mar. 06 | 1,160 | 6.24 | 1962 | Apr. 02 | 650 | 5.02 |
| 1957 | June 09 | 116 | 3.20 | 1960 | Apr. 05 | 1,040 | 5.98 | 1963 | June 24 | 730 | 5.45 |
| 1958 | July 04 | 320 | 4.16 | 1961 | Apr. 16 | 890 | 5.62 | | | | |

## 02226900 HURRICANE CREEK NEAR HAZELHURST, GEORGIA

LOCATION.--Lat 31°40'58", long 82°34'15", Jeff Davis County, at county highway bridge, 4.8 mi downstream from Whitehead Creek and 13 mi south of Hazelhurst.
DRAINAGE AREA.--102 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is about 170 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,400 $ft^3/s$. Bankfull stage and discharge, 5 ft and 1,000 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1957 | July 21 | 722 | 4.67 | 1960 | Apr. 06 | 3,180 | 7.89 | 1962 | Apr. 03 | 1,700 | 6.57 |
| 1958 | Apr. 18 | 722 | 4.63 | 1961 | Apr. 17 | 2,580 | 7.47 | 1963 | June 25 | 1,330 | 5.92 |
| 1959 | Mar. 07 | 3,580 | 8.15 | | | | | | | | |

## 02227000 HURRICANE CREEK NEAR ALMA, GEORGIA

LOCATION.--Lat 31°34'00", long 82°27'50", Bacon County, at bridge on State Highway 4 and U.S. Highway 1, 11 mi upstream of Ten Mile Creek, and 1.5 mi north of Alma.
DRAINAGE AREA.--139 $mi^2$, approximately (revised).
GAGE.--Water-stage recorder prior to October 1971; crest-stage thereafter. Datum of gage is 136.44 ft above sea level, supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,200 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 6 ft and 1,000 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1952 | Dec. 25 | 798 | 5.63 | 1964 | Mar. 03 | 1,570 | 6.79 | 1976 | May 15 | 910 | 5.85 |
| 1953 | Sept. 29 | 4,450 | 9.40 | 1965 | Dec. 05 | 2,780 | 8.10 | 1977 | Oct. 18 | 2,040 | 7.35 |
| 1954 | Oct. 03 | 940 | 5.88 | 1966 | Mar. 07 | 1,700 | 6.99 | 1978 | Jan. 27 | 1,590 | 6.83 |
| 1955 | Apr. 16 | 460 | 4.95 | 1967 | Jan. 05 | 2,290 | 7.62 | 1979 | Feb. 26 | 3,080 | 8.37 |
| 1956 | Feb. 11 | 530 | 5.12 | 1968 | June 09 | 289 | 4.32 | 1980 | Mar. 14 | 1,830 | 7.12 |
| 1957 | July 23 | 582 | 5.24 | 1969 | May 21 | 1,800 | 7.09 | 1981 | Aug. 12 | 988 | 5.98 |
| 1958 | Apr. 15 | 910 | 5.65 | 1970 | Feb. 20 | 1,670 | 6.92 | 1982 | July 27 | 844 | 5.74 |
| 1959 | Mar. 08 | 3,360 | 8.40 | 1971 | Aug. 20 | 1,020 | 6.03 | 1984 | Mar. 08 | 3,260 | 8.52 |
| 1960 | Apr. 06 | 3,120 | 8.40 | 1972 | Feb. 03 | 1,870 | 7.17 | 1985 | Aug. 30 | 1,470 | 6.68 |
| 1961 | Apr. 16 | 2,420 | 7.76 | 1973 | Apr. 04 | 2,040 | 7.35 | 1986 | Feb. 12 | 4,600 | 9.50 |
| 1962 | Apr. 04 | 1,690 | 6.94 | 1974 | Sept. 07 | 1,750 | 7.02 | 1987 | Feb. 22 | 1,130 | 6.20 |
| 1963 | June 27 | 1,410 | 6.60 | 1975 | Apr. 16 | 2,800 | 8.12 | | | | |

## 02227100 LITTLE HURRICANE CREEK NEAR ALMA, GEORGIA

LOCATION.--Lat 31°29'44", long 82°31'41", Bacon County, at State Highway 64, 5 mi southwest of Alma.
DRAINAGE AREA.--61 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is about 155 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,700 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 4.5 ft and 250 $ft^3/s$.
REMARKS.--Peak discharge for 1958 is estimated.
HISTORICAL DATA.--Flood stage of 1948 based on information furnished by local residents, and is thought to be the highest since 1929, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. -- | 5,600 | 10.00 | 1953 | Sept. 27 | 2,100 | 6.96 | 1958 | Apr. 11 | 1,280 | -- |
| 1949 | Sept. 01 | 3,000 | 7.93 | 1954 | Mar. 01 | 235 | 4.52 | 1959 | Mar. 08 | 1,650 | 6.48 |
| 1950 | July 17 | 275 | 4.67 | 1955 | Apr. 16 | 93 | 3.75 | 1960 | Apr. 05 | 1,900 | 6.79 |
| 1951 | Mar. 31 | 1,100 | 5.98 | 1956 | Feb. 11 | 105 | 3.83 | 1961 | Apr. 16 | 1,500 | 6.38 |
| 1952 | Feb. 28 | 172 | 4.24 | 1957 | Apr. 09 | 105 | 3.86 | 1962 | Apr. 01 | 800 | 5.66 |

## 02227200 LITTLE HURRICANE CREEK BELOW ALMA, GEORGIA

LOCATION.--Lat 31°25'25", long 82°25'59", Bacon County, at State Highway 4, 8.5 mi south of Alma.
DRAINAGE AREA.--102 $mi^2$ (revised).
GAGE.--Crest-stage gage. Datum of gage is about 120 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,400 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 5.0 ft and 250 $ft^3/s$.
HISTORICAL DATA.--Flood stage of 1948 based on information furnished by local residents, and is thought to be the highest since 1929, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. -- | 7,500 | 11.00 | 1959 | Mar. 07 | 3,590 | 8.51 | 1970 | Aug. 13 | 1,130 | 6.24 |
| 1949 | Sept. 01 | 3,830 | 8.70 | 1960 | Apr. 06 | 3,170 | 8.17 | 1971 | Aug. 19 | 1,480 | 6.72 |
| 1950 | July 18 | 616 | 5.48 | 1961 | Apr. 15 | 4,620 | 9.28 | 1972 | Feb. 03 | 1,130 | 6.29 |
| 1951 | Mar. 31 | 1,120 | 6.34 | 1962 | Apr. 01 | 1,120 | 6.32 | 1973 | Apr. 04 | 1,470 | 6.70 |
| 1952 | Feb. 28 | 310 | 4.82 | 1963 | July 09 | 630 | 5.54 | 1974 | Sept. 07 | 1,130 | 6.29 |
| 1953 | Sept. 27 | 3,960 | 8.80 | 1964 | Mar. 02 | 3,080 | 8.10 | 1975 | Apr. 16 | 1,230 | 6.41 |
| 1954 | Jan. 01 | 310 | 4.81 | 1965 | Dec. 05 | 4,090 | 8.91 | 1976 | May 15 | 1,270 | 6.46 |
| 1955 | Apr. 18 | 172 | 4.28 | 1966 | Mar. 05 | 1,740 | 6.99 | 1977 | Mar. 08 | 1,320 | 6.53 |
| 1956 | Jan. 24 | 118 | 4.14 | 1967 | Feb. 07 | 2,080 | 7.30 | 1978 | Jan. 27 | 1,210 | 6.39 |
| 1957 | July 23 | 720 | 5.70 | 1968 | Aug. -- | 159 | --b | 1984 | Mar. 07 | 4,130 | 8.94c |
| 1958 | Apr. 11 | 1,650 | 6.88 | 1969 | Sept. 19 | 988 | 6.11 | 1986 | Feb. 12 | 4,400 | 9.14c |

## 02227290 ALABAHA RIVER NEAR BLACKSHEAR, GEORGIA

LOCATION.--Lat 31°21'04", long 82°14'16", Pierce County, at State Highways 15 and 121, 3 mi north of Blackshear.
DRAINAGE AREA.--411 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 72 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 8,330 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1970 | Mar. 26 | 3,850 | 12.67 | 1976 | May 28 | 3,430 | 12.37 | 1982 | July 17 | 3,330 | 12.30 |
| 1971 | Aug. 20 | 3,270 | 12.26 | 1977 | Jan. 08 | 4,000 | 12.78 | 1983 | Mar. 12 | 4,790 | 13.34 |
| 1972 | Feb. 08 | 4,170 | 12.90 | 1978 | Jan. 27 | 3,270 | 12.26 | 1984 | Mar. 08 | 8,740 | 15.77 |
| 1973 | Apr. 05 | 5,800 | 14.03 | 1979 | May 15 | 4,870 | 13.40 | 1985 | Sept. 03 | 1,930 | 11.18 |
| 1974 | Feb. 11 | 2,810 | 11.92 | 1980 | Mar. 14 | 7,010 | 14.84 | 1986 | Feb. 12 | 8,040 | 15.42 |
| 1975 | Apr. 19 | 4,160 | 12.89 | 1981 | Apr. 04 | 1,330 | 10.62 | 1987 | Feb. 22 | 2,570 | 11.72 |

## 02227400 BIG SATILLA CREEK NEAR ALMA, GEORGIA

LOCATION.--Lat 31°39'28", long 82°25'57", Bacon County, at State Highway 4, 8.2 mi north of Alma.
DRAINAGE AREA.--112 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 138.60 ft above sea level (levels by Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,400 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 4.5 ft and 1,000 $ft^3/s$.
HISTORICAL DATA.--Flood stage of 1948 based on information furnished by local resident. The 1948 peak is thought to be the highest since 1929, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. -- | 14,000 | 13.80 | 1959 | Mar. 08 | 3,850 | 7.84 | 1970 | Mar. 23 | 2,270 | 6.87 |
| 1949 | Aug. -- | 2,070 | 5.89 | 1960 | Apr. 06 | 2,960 | 6.88 | 1971 | Aug. 27 | 1,200 | 5.72 |
| 1950 | Mar. 17 | 420 | 3.57 | 1961 | Apr. 16 | 2,780 | 6.67 | 1972 | Feb. 03 | 1,730 | 6.33 |
| 1951 | Mar. 31 | 2,780 | 6.73 | 1962 | Apr. 01 | 650 | 4.64 | 1973 | Apr. 04 | 1,370 | 5.94 |
| 1952 | Sept. 23 | 660 | 3.94 | 1963 | June 26 | 580 | 4.54 | 1974 | Sept. 07 | 2,610 | 7.22 |
| 1953 | Sept. 27 | 7,380 | 10.70 | 1964 | Mar. 02 | 1,260 | 5.40 | 1975 | Apr. 16 | 2,610 | 7.21 |
| 1954 | Dec. 30 | 690 | 4.00 | 1965 | Dec. 05 | 3,100 | 7.40 | 1976 | Jan. 28 | 1,320 | 5.87 |
| 1955 | Apr. 15 | 420 | 3.55 | 1966 | Mar. 05 | 1,920 | 6.52 | 1977 | Oct. 18 | 2,140 | 6.74 |
| 1956 | Jan. 24 | 690 | 4.01 | 1967 | Jan. 04 | 2,510 | 7.11 | 1978 | Jan. 27 | 1,390 | 5.96 |
| 1957 | July 23 | 1,430 | 5.14 | 1968 | Aug. -- | 1,000 | --b | 1984 | Mar. 07 | 3,310 | 7.91c |
| 1958 | Apr. 11 | 1,430 | 5.13 | 1969 | May 20 | 2,690 | 7.29 | 1986 | Feb. 12 | 4,850 | 9.18c |

## 02227422 CROOKED CREEK TRIBUTARY NEAR BRISTOL, GEORGIA

LOCATION.--Lat 31°26'25", long 82°15'03", Pierce County, on county road 1903, 2 mi west of Bristol.
DRAINAGE AREA.--0.42 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 155 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 12.9 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | Aug. 03 | 58.0 | 2.50 | 1981 | Apr. 01 | 3.0 | 0.62 | 1986 | Feb. 11 | 58.0 | 2.44 |
| 1977 | Jan. 07 | 25.0 | 1.58 | 1982 | July 15 | 45.0 | 2.13 | 1987 | Feb. 22 | 19.0 | 1.36 |
| 1978 | Mar. 19 | 20.0 | 1.40 | 1983 | Mar. 06 | 22.0 | 1.48 | 1988 | Apr. 19 | 15.0 | 1.22 |
| 1979 | May 07 | 65.0 | 2.55 | 1984 | Mar. 06 | 57.0 | 2.42 | 1989 | Sept. 04 | 29.0 | 1.73 |
| 1980 | Mar. 13 | 29.0 | 1.69 | 1985 | Aug. 29 | 27.0 | 1.64 | 1990 | Feb. 10 | 8.0 | 0.97 |

## 02227430 LITTLE STATILLA CREEK AT ODUM, GEORGIA

LOCATION.--Lat 31°40'04", long 82°02'27", Wayne County, at State Highway 27, 10 mi northwest of Jesup at Odum.
DRAINAGE AREA.--49 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 121.10 ft above sea level (levels by the Georgia Department of Transportation), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,200 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 4.5 ft and 150 $ft^3/s$.
HISTORICAL DATA.--Flood stage of 1948 based on information furnished by local resident. Flood stage of 1929 provided by the Georgia Department of Transportation, and is thought to be the highest since 1862, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Sept. -- | 9,500 | 12.90c | 1959 | Mar. 06 | 1,350 | 6.46 | 1970 | Mar. 10 | 1,010 | 6.16 |
| 1949 | Nov. -- | 3,800 | 9.00 | 1960 | Apr. 05 | 669 | 5.69 | 1971 | Aug. 30 | 1,510 | 6.80 |
| 1950 | Aug. -- | 1,140 | 6.29 | 1961 | Apr. 16 | 1,810 | 7.19 | 1972 | Feb. 03 | 850 | 5.96 |
| 1951 | Apr. 03 | 492 | 5.41 | 1962 | July 19 | 492 | 5.38 | 1973 | Feb. 11 | 1,050 | 6.21 |
| 1952 | May 30 | 155 | 4.51 | 1963 | June 26 | 519 | 5.44 | 1974 | May 14 | 408 | 5.23 |
| 1953 | Sept. 27 | 1,240 | 6.38 | 1964 | Aug. 31 | 1,770 | 7.14 | 1975 | Apr. 16 | 886 | 6.07 |
| 1954 | Dec. 28 | 85 | 4.05 | 1965 | Feb. 18 | 2,190 | 7.59 | 1976 | Jan. 28 | 886 | 6.08 |
| 1955 | Sept. 14 | 96 | 4.17 | 1966 | May 27 | 1,390 | 6.62 | 1977 | Oct. 18 | 2,820 | 8.21 |
| 1956 | May 07 | 90 | 4.09 | 1967 | Jan. 05 | 1,150 | 6.31 | 1978 | Jan. 26 | 750 | 5.82 |
| 1957 | July 31 | 177 | 4.64 | 1968 | June 07 | 338 | 5.07 | 1984 | Mar. 07 | 2,290 | 7.69c |
| 1958 | Apr. 11 | 492 | 5.38 | 1969 | May 20 | 1,250 | 6.41 | | | | |

## 02227470 LITTLE STATILLA CREEK NEAR JESUP, GEORGIA

LOCATION.--Lat 31°33'48", long 81°59'11", Wayne County, at State Highway 99, 7 mi southwest of Jesup.
DRAINAGE AREA.--83 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 86.95 ft above sea level (levels by the Georgia Department of Transportation), supplemtary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,400 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 6.5 ft and 350 $ft^3/s$.
HISTORICAL DATA.--Flood stage of 1948 based on information furnished by local resident, and is thought to be the highest since 1929, based on information at nearby stations.
REMARKS.--Peak discharge for 1954 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1949 | Nov. -- | 5,800 | 11.80 | 1955 | Apr. 16 | 183 | 6.21 | 1961 | Apr. 16 | 1,820 | 8.67 |
| 1950 | Sept. 00 | 3,320 | 9.86 | 1956 | May 07 | 76.0 | 5.78 | 1962 | Apr. 01 | 895 | 7.53 |
| 1951 | Apr. 03 | 392 | 6.72 | 1957 | Aug. 07 | 1,040 | 7.74 | 1963 | June 26 | 620 | 7.09 |
| 1952 | Feb. 28 | 120 | 6.02 | 1958 | June 27 | 740 | 7.29 | 1964 | Mar. 05 | 1,640 | 8.43 |
| 1953 | Sept. 27 | 1,870 | 8.71 | 1959 | Mar. 17 | 1,680 | 8.51 | 1965 | Dec. 07 | 2,070 | 8.90 |
| 1954 | Dec. 28 | 96.0 | -- | 1960 | Apr. 05 | 960 | 7.64 | | | | |

## 02227500 LITTLE SATILLA RIVER NEAR OFFERMAN, GEORGIA

LOCATION.--Lat 31°27'04", long 82°03'17", Pierce County, at right bank pier of steel truss span of Seaboard Coast Line Railroad bridge, 1,500 ft downstream from bridge on State Highway 38, 4 mi northeast of Offerman, and 16 mi upstream from mouth.
DRAINAGE AREA.--646 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 58.01 ft above sea level (levels by the Georgia Department of Transportation), supplemtary adjustment of 1936. Prior to Nov. 8, 1952, water-stage recorder at site 1,500 ft upstream, and Nov. 8, 1952 to Sept. 30, 1975 at present site and datum 1.0 ft higher.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 16,000 $ft^3/s$, and above on the basis of area-velocity studies. Bankfull stage and discharge, 9 ft and 3,000 $ft^3/s$.
HISTORICAL DATA.--Flood stage of 1948 based on information provided by the Georgia Department of Transportation, and is thought to be the highest since 1929.
REMARKS.--All gage heights have been adjusted to present datum.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. -- | 27,000 | 16.40c | 1964 | Mar. 05 | 11,000 | 13.00 | 1978 | Jan. 22 | 4,010 | 10.50 |
| 1951 | Apr. 03 | 5,100 | 10.50 | 1965 | Dec. 07 | 11,800 | 13.20 | 1979 | May 15 | 13,800 | 13.25 |
| 1952 | June 01 | 1,860 | 8.80 | 1966 | Mar. 06 | 6,770 | 11.67 | 1980 | Mar. 15 | 13,400 | 13.15 |
| 1953 | Sept. 29 | 17,200 | 14.50 | 1967 | Jan. 07 | 4,960 | 10.96 | 1981 | Apr. 07 | 2,340 | 9.66 |
| 1954 | Jan. 02 | 1,610 | 9.20 | 1968 | June 12 | 1,370 | 8.89 | 1982 | July 19 | 3,000 | 10.01 |
| 1955 | Apr. 17 | 1,180 | 8.60 | 1969 | May 24 | 4,370 | 10.68 | 1983 | Mar. 08 | 7,720 | 11.51 |
| 1956 | Feb. 17 | 530 | 7.00 | 1970 | Mar. 26 | 5,550 | 11.22 | 1984 | Jan. 29 | 13,900 | 13.25 |
| 1957 | June 11 | 3,760 | 10.50 | 1971 | Sept. 01 | 4,940 | 10.95 | 1985 | Sept. 04 | 3,150 | 10.09 |
| 1958 | Apr. 17 | 4,620 | 10.80 | 1972 | Feb. 08 | 5,080 | 11.02 | 1986 | Mar. 18 | 1,920 | 9.39 |
| 1959 | Mar. 07 | 8,860 | 12.40 | 1973 | Apr. 05 | 5,950 | 11.37 | 1987 | Jan. 06 | 10,500 | 12.55 |
| 1960 | Apr. 08 | 6,570 | 11.60 | 1974 | Sept. 13 | 3,390 | 10.19 | 1988 | Feb. 24 | 3,690 | 10.35 |
| 1961 | Apr. 18 | 12,600 | 13.40 | 1975 | Apr. 19 | 5,220 | 11.08 | 1989 | Sept. 05 | 3,330 | 10.18 |
| 1962 | Apr. 06 | 4,190 | 10.59 | 1976 | Jan. 31 | 4,680 | 10.83 | 1990 | Jan. 12 | 3,890 | 10.42 |
| 1963 | July 10 | 2,430 | 9.68 | 1977 | Nov. 30 | 5,920 | 11.36 | | | | |

## 02227990 SATILLA RIVER TRIBUTARY NO. 2, AT ATKINSON, GEORGIA

LOCATION.--Lat 31°13'35", long 81°50'50", Brantley County, at culvert on State Route 110, 0.3 mi north of Atkinson.
DRAINAGE AREA.--0.38 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 47.74 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 46.6 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Nov. 28 | 46.0 | 1.97 | 1982 | Apr. 25 | 40.0 | 1.85 | 1987 | Feb. 22 | 37.0 | 1.81 |
| 1978 | Aug. 02 | 93.0 | 2.63 | 1983 | July 23 | 70.0 | 2.36 | 1988 | Feb. 19 | 17.0 | 1.25 |
| 1979 | Sept. 25 | 82.0 | 2.50 | 1984 | Mar. 06 | 67.0 | 2.31 | 1989 | Sept. 22 | 9.0 | 0.93 |
| 1980 | Mar. 13 | 16.0 | 1.24 | 1985 | Aug. 08 | 16.0 | 1.24 | 1990 | Feb. 10 | 15.0 | 1.15 |
| 1981 | Aug. 01 | 26.0 | 1.54 | 1986 | Feb. 11 | 55.0 | 2.14 | | | | |

## 02228000 SATILLA RIVER AT ATKINSON, GEORGIA

LOCATION.--Lat 31°13'16", long 81°52'03", Brantley County, on left bank piling 25 ft upstream from bridge on U.S. Highway 84, 400 ft downstream from Seaboard Coast Line Railroad bridge, and 1 mi west of Atkinson.
DRAINAGE AREA.--2,790 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 14.79 ft above sea level (levels from Seaboard Coast Line Railroad), supplementary adjustment of 1936. Prior to Dec. 6, 1933, and Nov. 21, 1961 to Sept. 30, 1964, nonrecording gage at same site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 68,000 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 13 ft and 5,700 $ft^3/s$.
HISTORICAL DATA.--The flood of September 1929 based on information furnished by local residents, and was the highest known at that time. Atlantic Coast Line Railroad records indicate that the 1929 flood was the highest since the railroad bridge was constructed about 1862.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Sept. 00 | 110,000 | 27.20c | 1951 | Oct. 24 | 15,000 | 16.50 | 1971 | Aug. 25 | 13,400 | 16.11 |
| 1931 | Jan. 26 | 5,510 | 13.00 | 1952 | Mar. 11 | 5,360 | 12.90 | 1972 | Feb. 13 | 16,300 | 16.76 |
| 1932 | Aug. 31 | 12,200 | 15.40 | 1953 | Apr. 23 | 6,220 | 13.40 | 1973 | Apr. 10 | 27,100 | 18.68 |
| 1933 | Feb. 18 | 15,200 | 17.00 | 1954 | Oct. 03 | 34,600 | 19.80 | 1974 | Sept. 19 | 11,600 | 15.61 |
| 1934 | June 11 | 11,900 | 15.80 | 1955 | Sept. 21 | 3,900 | 11.80 | 1975 | Apr. 22 | 17,800 | 17.06 |
| 1935 | Sept. 18 | 13,000 | 16.20 | 1956 | Feb. 22 | 3,420 | 11.30 | 1976 | June 02 | 12,300 | 15.81 |
| 1936 | Feb. 17 | 8,770 | 14.50 | 1957 | June 17 | 6,400 | 13.50 | 1977 | Dec. 07 | 17,600 | 17.03 |
| 1937 | Apr. 14 | 13,300 | 16.30 | 1958 | Apr. 20 | 19,000 | 17.30 | 1978 | Jan. 28 | 13,400 | 16.10 |
| 1938 | Aug. 05 | 7,140 | 13.70 | 1959 | Mar. 12 | 29,700 | 19.10 | 1979 | May 18 | 17,500 | 17.00 |
| 1939 | Mar. 07 | 17,000 | 17.50 | 1960 | Apr. 11 | 31,100 | 19.10 | 1980 | Mar. 19 | 31,400 | 19.35 |
| 1940 | Feb. 26 | 7,920 | 14.50 | 1961 | Apr. 23 | 29,700 | 19.10 | 1981 | Apr. 14 | 3,180 | 11.02 |
| 1941 | July 27 | 6,080 | 13.20 | 1962 | Apr. 12 | 14,200 | 16.30 | 1982 | July 21 | 8,570 | 14.52 |
| 1942 | Jan. 09 | 26,600 | 18.80 | 1963 | July 08 | 6,600 | 13.60 | 1983 | Mar. 14 | 20,600 | 17.60 |
| 1943 | Mar. 17 | 5,650 | 13.00 | 1964 | Mar. 08 | 31,800 | 19.40 | 1984 | Mar. 12 | 36,800 | 20.12 |
| 1944 | Mar. 31 | 26,100 | 18.30 | 1965 | Dec. 12 | 30,400 | 19.20 | 1985 | Sept. 09 | 8,270 | 14.39 |
| 1945 | Oct. 30 | 12,200 | 15.60 | 1966 | Mar. 10 | 19,800 | 17.48 | 1986 | Mar. 25 | 7,360 | 13.98 |
| 1946 | Jan. 07 | 8,500 | 14.40 | 1967 | Jan. 15 | 15,900 | 16.68 | 1987 | Jan. 11 | 20,400 | 17.56 |
| 1947 | Apr. 25 | 13,800 | 16.00 | 1968 | Mar. 20 | 2,570 | 10.21 | 1988 | Feb. 29 | 11,700 | 15.63 |
| 1948 | Apr. 06 | 68,100 | 23.90 | 1969 | June 01 | 10,300 | 15.19 | 1989 | Sept. 09 | 5,410 | 12.93 |
| 1949 | Sept. 05 | 33,200 | 19.60 | 1970 | Apr. 03 | 13,800 | 16.21 | 1990 | Mar. 01 | 8,810 | 14.62 |
| 1950 | Sept. 11 | 15,500 | 16.60 | | | | | | | | |

SATILLA RIVER BASIN

02228050 BUFFALO CREEK AT HICKOX, GEORGIA

LOCATION.--Lat 31°09'21", long 81°59'29", Brantley County, on State Highway 23 and U.S. Highway 301, at Hickox.
DRAINAGE AREA.--62 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 28.4 ft above sea level (levels from the Federal Emergency Management Agency).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,450 $ft^3/s$, and extended above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | May 24 | 3,350 | 9.85 | 1974 | Sept. 07 | 868 | 6.88 | 1981 | Feb. 18 | 536 | 6.14 |
| 1967 | Jan. 05 | 1,090 | 7.24 | 1975 | Apr. 11 | 916 | 6.96 | 1982 | Apr. 27 | 1,040 | 7.17 |
| 1968 | Aug. -- | 700 | --b | 1976 | Feb. -- | 700 | --b | 1983 | Feb. 16 | 790 | 6.74 |
| 1969 | Sept. 22 | 1,830 | 8.26 | 1977 | Nov. 29 | 4,330 | 10.69 | 1984 | Mar. 07 | 2,670 | 9.17 |
| 1970 | Nov. 02 | 3,800 | 10.25 | 1978 | Jan. -- | 700 | --b | 1985 | Aug. 08 | 862 | 6.87 |
| 1971 | Aug. 19 | 958 | 7.03 | 1979 | Sept. 26 | 2,560 | 9.06 | 1986 | Feb. 11 | 2,120 | 8.62 |
| 1972 | Feb. -- | 700 | --b | 1980 | Mar. 14 | 765 | 6.69 | 1987 | Feb. 22 | 1,310 | 7.55 |
| 1973 | Apr. 04 | 3,130 | 9.63 | | | | | | | | |

02228055 SATILLA RIVER TRIBUTARY NO. 3, NEAR WINOKUR, GEORGIA

LOCATION.--Lat 30°59'59", long 81°57'30", Charlton County, at culvert on county road 87, 5.3 mi southeast of Winokur.
DRAINAGE AREA.--1.91 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 25 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 131 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1980 | Mar. 13 | 61 | 6.71 | 1984 | Mar. 27 | 511 | 8.97 | 1987 | Feb. 22 | 380 | 8.52 |
| 1981 | Feb. 12 | 39 | 6.24 | 1985 | Aug. 08 | 70 | 6.85 | 1988 | Feb. 19 | 128 | 7.42 |
| 1982 | Apr. 25 | 86 | 7.08 | 1986 | Dec. 13 | 134 | 7.46 | 1989 | Mar. 23 | 100 | 7.21 |
| 1983 | Mar. 09 | 140 | 7.50 | | | | | | | | |

SATILLA RIVER BASIN

02228500 NORTH PRONG ST MARYS RIVER AT MONIAC, GEORGIA

LOCATION.--Lat 30°31'03", long 82°13'50", in NW 1/4 sec. 8, T.1 N., R. 21 E; Baker County, Fla; near right bank at upstream side of bridge on State Highways 2 and 94, 0.2 mi upstream from Georgia Southern and Florida Railway bridge, 0.4 mi west of Moniac, 1.0 mi downstream from Moccasin Creek, and 122 mi upstream from mouth of St Marys River.
DRAINAGE AREA.--160 $mi^2$, approximately; includes part of watershed in Okeefenokee Swamp, which is indeterminate.
GAGE.--Water-stage recorder. Datum of gage is 89.40 ft above sea level. January 1921 to June 1934, nonrecording gage at site 800 ft downstream at datum 3.22 ft higher.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements.
REMARKS.--Flood of 1973 is thought to be the highest since 1921. Peak discharges for 1921 and 1965 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1921 | July 31 | 2,200 | -- | 1958 | Apr. 11 | 1,590 | 13.38 | 1974 | Sept. 09 | 984 | 11.78 |
| 1922 | Sept. 19 | 370 | -- | 1959 | Mar. 18 | 2,650 | 14.80 | 1975 | Apr. 15 | 2,180 | 14.46 |
| 1923 | Jan. 08 | 670 | -- | 1960 | Mar. 19 | 1,410 | 13.00 | 1976 | Sept. 26 | 1,040 | 11.97 |
| 1927 | July 23 | 1,870 | -- | 1961 | Aug. 31 | 668 | 10.76 | 1977 | Aug. 22 | 1,340 | 12.77 |
| 1928 | Sept. 19 | 6,060 | -- | 1962 | Apr. 02 | 2,730 | 14.88 | 1978 | Jan. 20 | 1,010 | 11.66 |
| 1929 | Mar. 17 | 1,610 | -- | 1963 | Jan. 14 | 729 | 11.18 | 1979 | Sept. 16 | 2,160 | 14.43 |
| 1930 | Oct. 02 | 2,640 | -- | 1964 | Sept. 13 | 4,590 | 18.41 | 1980 | Mar. 11 | 1,080 | 11.91 |
| 1932 | Sept. 16 | 1,870 | -- | 1965 | Dec. 27 | 1,700 | 14.00 | 1981 | Mar. 06 | 828 | 11.06 |
| 1933 | Feb. 09 | 1,770 | -- | 1966 | Aug. 09 | 2,020 | 14.20 | 1982 | Apr. 12 | 894 | 11.63 |
| 1934 | June 18 | 550 | -- | 1967 | Aug. 30 | 1,500 | 12.99a | 1983 | Mar. 18 | 1,800 | 13.51 |
| 1951 | Oct. 22 | 4,050 | 16.20 | 1968 | July 26 | 480 | 10.05 | 1984 | Mar. 29 | 2,750 | 15.43 |
| 1952 | Mar. 14 | 1,330 | 12.36 | 1969 | Mar. 19 | 764 | 11.18 | 1985 | Sept. 02 | 873 | 11.23 |
| 1953 | Sept. 27 | 1,920 | 13.93 | 1970 | Mar. 30 | 4,080 | 17.57 | 1986 | Feb. 11 | 2,300 | 15.00 |
| 1954 | Oct. 01 | 2,140 | 14.27 | 1971 | Aug. 17 | 1,770 | 13.49 | 1987 | Jan. 23 | 1,180 | 12.64 |
| 1955 | Sept. 08 | 443 | 9.79 | 1972 | June 21 | 1,320 | 12.60 | 1988 | Feb. 21 | 2,020 | 14.52 |
| 1956 | May 08 | 312 | 9.05 | 1973 | Apr. 05 | 11,600 | 22.98 | 1989 | Sept. 06 | 251 | 8.68 |
| 1957 | June 11 | 3,110 | 15.26 | | | | | | | | |

ST MARYS RIVER BASIN

02231100 ST MARYS RIVER NEAR ST. GEORGE, GEORGIA

LOCATION.--Lat 30°31'28", long 82°01'07", in SW 1/4 sec. 4, T.1 N., R. 23 E; Nassau County, Fla; at bridge on State Highway 2 (Georgia State Highway 94), 1.1 mi east of St. George, and 82 mi upstream from mouth.
DRAINAGE AREA.--890 $mi^2$, approximately; includes part of watershed in Okeefenokee Swamp, which is indeterminate.
GAGE.--Crest-stage gage. Datum of gage is mean sea level.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements.
HISTORICAL DATA.--Flood stage of 1947 furnished by the Florida Department of Transportation, and is thought to be the highest since 1927.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1947 | Sept. 26 | 28,500 | 41.40c | 1966 | Jan. 27 | 7,270 | 33.93 | 1970 | Apr. 01 | 16,100 | 38.20 |
| 1954 | Oct. 03 | 12,000 | 35.50 | 1967 | Feb. 15 | 6,480 | 33.49 | 1971 | Aug. 21 | 7,630 | 34.13 |
| 1964 | Sept. 15 | 26,700 | 42.43 | 1968 | Sept. 04 | 8,600 | 34.65 | 1972 | June 30 | 5,010 | 32.62 |
| 1965 | Aug. 18 | 5,140 | 32.70 | 1969 | Sept. 00 | 4,200 | 32.08 | 1973 | Apr. 05 | 28,000 | -- |

## 02314500 SUWANNEE RIVER AT FARGO, GEORGIA

LOCATION.--Lat 30°40'50", long 82°33'38", Clinch County, on downstream side of right bank pier of bridge on U.S. Highway 441 at Fargo, 4 mi upstream from Suwanoochee Creek, and 12 mi downstram from Mixons Ferry damsite.
DRAINAGE AREA.--1,260 $mi^2$; includes part of watershed in Okefenokee Swamp, which is indeterminate.
GAGE.--Water-stage recorder. Datum of gage is 91.90 ft above sea level (levels from U.S. Coast and Geodetic Survey benchmark). Jan. 27, 1927 to Dec. 31, 1931 and Apr. 20, 1937 to June 10, 1938, nonrecording gage at site 1,000 ft upstream at datum 1.00 ft higher. June 11, 1938 to Nov. 26, 1952, nonrecording gage at site 1,000 ft upstream at present datum. Oct. 14, 1960 to Oct. 29, 1970, auxillary water-stage recorder at site about 3 mi upstream and since Nov. 5, 1971, auxiliary water-stage recorder at site about 2 mi upstream. All sites converted to present datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 15,000 $ft^3/s$. Stage-discharge relation affected by backwater. Bankfull stage and discharge, 10 ft and 1,800 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1928 | May 02 | 5,210 | 14.40 | 1953 | Sept. 02 | 3,280 | 11.80 | 1972 | Jan. 26 | 5,970 | 14.36 |
| 1929 | Oct. 01 | 13,800 | 19.50 | 1954 | Oct. 05 | 5,640 | 14.60 | 1973 | Apr. 11 | 13,200 | 20.80 |
| 1930 | Oct. 01 | 11,900 | 19.60 | 1955 | Sept. 17 | 1,710 | 10.70 | 1974 | Sept. 19 | 2,480 | 11.20 |
| 1931 | Oct. 03 | 2,460 | 11.40 | 1956 | May 10 | 960 | 7.90 | 1975 | Apr. 21 | 6,650 | 15.10 |
| 1938 | Oct. 08 | 4,410 | 12.70 | 1957 | June 14 | 2,550 | 12.20 | 1976 | June 01 | 3,190 | 12.22 |
| 1939 | Aug. 29 | 2,490 | 11.60 | 1958 | Apr. 24 | 4,400 | 13.20 | 1977 | Dec. 17 | 7,180 | 15.43 |
| 1940 | Feb. 21 | 2,060 | 11.00 | 1959 | Mar. 22 | 8,680 | 17.20 | 1978 | Mar. 17 | 3,200 | 12.12 |
| 1941 | Sept. 23 | 810 | 7.50 | 1960 | Aug. 01 | 4,190 | 12.70 | 1979 | May 15 | 2,450 | 11.22 |
| 1942 | Jan. 11 | 7,960 | 15.90 | 1961 | Apr. 23 | 7,100 | 15.50 | 1980 | Apr. 10 | 3,160 | 12.02 |
| 1943 | Oct. 01 | 495 | 5.60 | 1962 | Apr. 05 | 4,520 | 14.60 | 1981 | Mar. 08 | 1,700 | 10.03 |
| 1944 | Aug. 14 | 4,280 | 12.80 | 1963 | Mar. 05 | 3,830 | 12.40 | 1982 | Apr. 13 | 1,140 | 8.33 |
| 1945 | Aug. 22 | 9,690 | 17.30 | 1964 | Sept. 17 | 9,940 | 18.60 | 1983 | Mar. 22 | 5,200 | 13.84 |
| 1946 | Aug. 08 | 5,920 | 14.20 | 1965 | Mar. 07 | 5,800 | 14.40 | 1984 | Apr. 06 | 10,500 | 18.02 |
| 1947 | Sept. 30 | 6,160 | 14.40 | 1966 | Mar. 16 | 7,240 | 15.45 | 1985 | Sept. 11 | 2,870 | 11.47 |
| 1948 | Oct. 29 | 10,800 | 19.60 | 1967 | Feb. 17 | 3,540 | 12.49 | 1986 | Feb. 20 | 6,310 | 15.25 |
| 1949 | Sept. 10 | 5,900 | 14.30 | 1968 | Sept. 10 | 531 | 5.51 | 1987 | Mar. 03 | 6,050 | 14.73 |
| 1950 | Oct. 01 | 2,660 | 11.30 | 1969 | May 29 | 2,630 | 11.40 | 1988 | Feb. 27 | 4,190 | 13.21 |
| 1951 | Oct. 26 | 3,260 | 11.90 | 1970 | Aug. 18 | 5,870 | 15.42 | 1989 | Nov. 29 | 497 | 5.11 |
| 1952 | Nov. 10 | 4,300 | 12.80 | 1971 | Sept. 05 | 4,840 | 14.55 | 1990 | Feb. 28 | 2,390 | 11.16 |

## 02314600 SUWANNOOCHEE CREEK AT DU PONT, GEORGIA

LOCATION.--Lat 30°59'09", long 82°52'50", Clinch County, at U.S. Highway 84, at Du Pont.
DRAINAGE AREA.--143 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 169.65 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,900 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 5.0 ft and 80 $ft^3/s$.
HISTORICAL DATA.--Flood stages of 1930 and 1948 based on information furnished by the Georgia Department of Transportation.
REMARKS.--Peak discharge for 1930 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1930 | Oct. 01 | 3,400 | 11.20c | 1960 | Apr. 11 | 1,050 | 7.45 | 1969 | Sept. 26 | 366 | 5.94 |
| 1948 | Apr. -- | 1,150 | 7.70c | 1961 | Apr. 16 | 1,300 | 7.88 | 1970 | Aug. 13 | 1,960 | 9.46 |
| 1952 | Apr. 02 | 195 | 5.60 | 1962 | Apr. 01 | 675 | 6.65 | 1971 | Sept. 05 | 900 | 7.39 |
| 1953 | Sept. 30 | 850 | 7.21 | 1963 | Jan. 21 | 225 | 5.57 | 1972 | Jan. 15 | 1,100 | 7.80 |
| 1954 | Jan. -- | 285 | 5.92 | 1964 | Sept. 15 | 1,100 | 7.52 | 1973 | Apr. 05 | 1,660 | 8.77 |
| 1955 | Sept. 17 | 80.0 | 5.09 | 1965 | Mar. 21 | 1,050 | 7.37 | 1974 | Sept. 09 | 784 | 7.16 |
| 1956 | Aug. 14 | 600 | 6.47 | 1966 | Mar. 14 | 1,140 | 7.58 | 1975 | Apr. 15 | 1,100 | 7.79 |
| 1957 | June 11 | 430 | 6.09 | 1967 | Jan. 05 | 870 | 7.04 | 1976 | May 16 | 696 | 6.94c |
| 1958 | Apr. 20 | 900 | 7.10 | 1968 | Oct. 10 | 204 | 5.48 | 1986 | Feb. 14 | 1,570 | 8.46 |
| 1959 | Mar. 09 | 1,480 | 8.17 | | | | | | | | |

## 02314700 SUWANNOOCHEE CREEK NEAR THELMA, GEORGIA

LOCATION.--Lat 30°49'18", long 82°50'28", Clinch County, at State Highway 187, 1.2 mi west of Thelma.
DRAINAGE AREA.--232 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 143.69 ft above sea level (from U.S. Coast and Geodetic Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,700 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 5.0 ft and 200 $ft^3/s$.
HISTORICAL DATA.--Flood stages of 1930 based on information furnished by local resident.
REMARKS.--Peak discharges for 1930, 1968, and 1981 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1930 | Oct. 02 | 5,000 | 11.80c | 1971 | Sept. 17 | 970 | 6.80 | 1980 | Mar. 16 | 872 | 6.66 |
| 1963 | Feb. 26 | 400 | 5.82 | 1972 | Jan. 16 | 1,550 | 7.45 | 1981 | Feb. 12 | 500 | -- |
| 1964 | May 09 | 1,340 | 7.22 | 1973 | Apr. 06 | 2,860 | 8.44 | 1982 | Aug. 02 | 540 | 6.10 |
| 1965 | Mar. 20 | 1,430 | 7.31 | 1974 | Sept. 10 | 1,610 | 7.51 | 1983 | Feb. 16 | 1,050 | 6.91 |
| 1966 | Mar. 14 | 1,100 | 6.98 | 1975 | Apr. 16 | 2,670 | 8.32 | 1984 | Mar. 10 | 2,020 | 7.87 |
| 1967 | Jan. 05 | 935 | 6.75 | 1976 | May 18 | 872 | 6.66 | 1985 | Aug. 16 | 935 | 6.75 |
| 1968 | Aug. -- | 360 | -- | 1977 | Dec. 01 | 1,410 | 7.31 | 1986 | Feb. 15 | 1,550 | 7.45 |
| 1969 | Sept. 26 | 879 | 6.67 | 1978 | Jan. 28 | 1,710 | 7.61 | 1987 | Apr. 06 | 720 | 6.43 |
| 1970 | Aug. 15 | 2,800 | 8.40 | 1979 | Apr. 27 | 712 | 6.42 | | | | |

## 02315650 ALAPAHA RIVER TRIBUTARY NO. 2, NEAR PITTS, GEORGIA

LOCATION.--Lat 32°00'20", long 83°33'27", Wilcox County, at culvert on State Highway 215, 3.5 mi north of Pitts.
DRAINAGE AREA.--0.14 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 400 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 40 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | June 16 | 31.0 | 1.78 | 1969 | Aug. 04 | 89.0 | 3.24 | 1973 | Feb. 02 | 50.0 | 2.30 |
| 1966 | May 19 | 79.0 | 3.03 | 1970 | Mar. 30 | 73.0 | 2.28 | 1974 | Sept. 17 | 57.0 | 2.48 |
| 1967 | July 12 | 39.0 | 2.03 | 1971 | Mar. 03 | 36.0 | 1.94 | 1975 | Apr. 14 | 53.0 | 2.38 |
| 1968 | Mar. -- | 13.0 | --b | 1972 | June 25 | 40.0 | 2.06 | | | | |

## 02315670 ALAPAHA RIVER TRIBUTARY NO. 3, NEAR ROCHELLE, GEORGIA

LOCATION.--Lat 31°56'40", long 83°30'52", Wilcox County, at culvert on State Highway 30 and U.S. Highway 280, 3.5 mi west of Rochelle.
DRAINAGE AREA.--3.95 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 340 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 224 $ft^3/s$.
REMARKS.--Peak discharge for 1973 and 1975 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Feb. 18 | 145 | 3.68 | 1969 | Aug. 04 | 155 | 3.75 | 1972 | Jan. 05 | 127 | 3.54 |
| 1966 | Mar. 05 | 159 | 3.78 | 1970 | Mar. 31 | 230 | 4.15 | 1973 | June 25 | 150 | 3.01 |
| 1967 | Feb. 07 | 116 | 3.46 | 1971 | Mar. 03 | 204 | 4.02 | 1975 | Apr. 14 | 125 | 2.83 |
| 1968 | Mar. -- | 18 | --b | | | | | | | | |

## 02315700 ALAPAHA RIVER AT REBECCA, GEORGIA

LOCATION.--Lat 31°48'55", long 83°28'26", Ben Hill County, at State Highway 90, 1 mi east of Rebecca.
DRAINAGE AREA.--112 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 289.93 ft above sea level (levels from the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,300 $ft^3/s$. Bankfull stage and discharge, 3 ft and 450 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 31 | 700 | 3.77 | 1960 | Apr. 06 | 3,400 | 6.51 | 1969 | Sept. 21 | 2,000 | 5.35 |
| 1952 | May 31 | 1,310 | 4.68 | 1961 | Apr. 16 | 2,000 | 5.34 | 1970 | Apr. 01 | 3,120 | 6.28 |
| 1953 | Sept. 22 | 1,600 | 5.04 | 1962 | Apr. 01 | 835 | 4.07 | 1971 | Mar. 04 | 2,970 | 5.92 |
| 1954 | Jan. 02 | 1,150 | 4.51 | 1963 | July 24 | 975 | 4.24 | 1972 | Jan. 14 | 1,130 | 4.47 |
| 1955 | Aug. 01 | 400 | 3.12 | 1964 | July 18 | 3,260 | 6.44 | 1973 | Feb. 10 | 2,000 | 5.35 |
| 1956 | Feb. 07 | 470 | 3.29 | 1965 | Feb. 18 | 1,650 | 5.05 | 1974 | Feb. 17 | 760 | 3.92 |
| 1957 | Apr. 10 | 1,080 | 4.43 | 1966 | Mar. 05 | 3,210 | 6.36 | 1975 | Apr. 16 | 2,640 | 5.98 |
| 1958 | Apr. 11 | 940 | 4.19 | 1967 | Feb. 09 | 1,200 | 4.56 | 1976 | May 16 | 1,320 | 4.71 |
| 1959 | Mar. 08 | 2,060 | 5.38 | 1968 | Apr. -- | 310 | --b | 1977 | Nov. 30 | 2,060 | 5.40 |

## 02315900 DEEP CREEK NEAR ASHBURN, GEORGIA

LOCATION.--Lat 31°43'49", long 83°35'00", Turner County, at State Highway 112, 4.5 mi east of Ashburn.
DRAINAGE AREA.--137 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 289.9 ft above sea level (levels by U.S. Geologic Survey).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,240 $ft^3/s$, and extended above on the basis of straight-line extention. Bankfull stage and discharge, 9 ft and 700 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Apr. 01 | 760 | 9.67 | 1960 | Apr. 05 | 3,880 | 13.00 | 1969 | Mar. 26 | 660 | 8.95 |
| 1952 | Mar. 26 | 810 | 9.84 | 1961 | Apr. 16 | 2,940 | 12.30 | 1970 | Apr. 01 | 4,600 | 13.84 |
| 1953 | May 08 | 1,500 | 10.50 | 1962 | Apr. 01 | 725 | 9.08 | 1971 | Mar. 04 | 4,200 | 13.40 |
| 1954 | Jan. 03 | 1,140 | 9.94 | 1963 | June 25 | 1,500 | 10.47 | 1972 | Jan. 14 | 1,320 | 10.20 |
| 1955 | Sept. 08 | 560 | 8.71 | 1964 | Feb. 18 | 4,520 | 13.38 | 1973 | Feb. 10 | 2,130 | 11.35 |
| 1956 | Feb. 08 | 1,080 | 9.82 | 1965 | Feb. 18 | 1,850 | 11.00 | 1974 | Feb. 17 | 1,870 | 11.03 |
| 1957 | May 16 | 1,320 | 10.20 | 1966 | Mar. 05 | 3,450 | 12.69 | 1975 | Apr. 16 | 2,810 | 13.17 |
| 1958 | Apr. 11 | 1,640 | 10.70 | 1967 | Feb. 10 | 1,450 | 10.41 | 1976 | May 16 | 2,400 | 11.69 |
| 1959 | Mar. 06 | 2,740 | 12.10 | 1968 | Apr. -- | 292 | --b | 1984 | Mar. 07 | 2,880 | 12.24c |

## 02315980 JACKS CREEK NEAR OCILLA, GEORGIA
(Formerly published as "Alapaha River Tributary near Ocilla, Georgia")

LOCATION.--Lat 31°33'38", long 83°21'28", Irwin County, at culvert on State Highway 35 and U.S. Highway 319, 7 mi west of Ocilla.
DRAINAGE AREA.--1.21 $mi^2$.
GAGE.--Flood-stage recorder prior to Mar. 15, 1968; Flood-stage/rainfall recorder thereafter. Datum of gage is about 310 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 157 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | Apr. 05 | 188 | 3.12 | 1966 | Feb. 28 | 117 | 2.54 | 1972 | Jan. 13 | 75.0 | 2.36 |
| 1961 | Apr. 15 | 307 | 4.05 | 1967 | Sept. 02 | 55 | 1.85 | 1973 | Apr. 01 | 176 | 3.21 |
| 1962 | May 01 | 47 | 1.49 | 1968 | Apr. 27 | 86 | 2.22 | 1974 | Apr. 05 | 96.0 | 2.62 |
| 1963 | June 24 | 117 | 2.54 | 1969 | Sept. 21 | 44 | 1.71 | 1975 | Apr. 14 | 131 | 2.91 |
| 1964 | Feb. 18 | 100 | 1.97 | 1970 | Mar. 21 | 245 | 3.47 | 1986 | Feb. 11 | 640 | 5.81c |
| 1965 | Mar. 28 | 80.0 | 2.18 | 1971 | Apr. 30 | 57 | 1.88 | | | | |

## 02316000 ALAPAHA RIVER NEAR ALAPAHA, GEORGIA

LOCATION.--Lat 31°23'03", long 83°11'33", Berrien County, near right bank on downstream side of bridge on State Highway 50, 2 mi east of Alapaha, and 6 mi upstream from Willacoochee River.
DRAINAGE AREA.--663 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 208.34 ft above sea level. Prior to Sept. 8, 1943, nonrecording gage, and Sept. 8, 1943 to Sept. 30, 1975, water-stage recorder at same site and datum 1.00 ft higher. All gage heights were converted to present datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 12,000 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 11 ft and 2,400 $ft^3/s$.
HISTORICAL DATA.--Flood stage of April 1928 based on information furnished by the Georgia Department of Transportation. The 1928 flood is thought to have been the highest since at least 1862, based on information from nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1928 | Apr. 30 | 16,000 | 19.00c | 1951 | Apr. 03 | 2,220 | 11.80 | 1965 | Feb. 20 | 5,900 | 14.80 |
| 1938 | Apr. 15 | 1,060 | 9.60 | 1952 | Dec. 25 | 2,300 | 11.90 | 1966 | Mar. 08 | 9,380 | 16.39 |
| 1939 | Mar. 03 | 9,220 | 16.30 | 1953 | Apr. 20 | 2,140 | 11.70 | 1967 | Jan. 16 | 4,200 | 13.71 |
| 1940 | Feb. 25 | 2,290 | 11.80 | 1954 | Jan. 01 | 3,160 | 12.70 | 1968 | Mar. 16 | 681 | 8.58 |
| 1941 | Mar. 25 | 1,450 | 10.50 | 1955 | Apr. 17 | 890 | 9.20 | 1969 | Aug. 25 | 2,040 | 11.69 |
| 1942 | Jan. 09 | 4,960 | 13.90 | 1956 | Feb. 22 | 2,400 | 12.00 | 1970 | Apr. 05 | 7,380 | 15.88 |
| 1943 | Mar. 26 | 2,700 | 12.30 | 1957 | Apr. 12 | 2,400 | 12.10 | 1971 | Mar. 09 | 6,160 | 15.20 |
| 1944 | Apr. 23 | 8,620 | 16.00 | 1958 | Apr. 16 | 4,360 | 13.60 | 1972 | Jan. 18 | 3,970 | 13.64 |
| 1945 | July 22 | 2,920 | 12.50 | 1959 | Mar. 10 | 5,620 | 14.40 | 1973 | Apr. 05 | 6,290 | 15.27 |
| 1946 | Jan. 23 | 3,040 | 12.60 | 1960 | Apr. 08 | 8,860 | 16.60 | 1974 | Apr. 08 | 3,850 | 13.44 |
| 1947 | Apr. 21 | 6,160 | 14.70 | 1961 | Apr. 18 | 7,060 | 15.70 | 1975 | Apr. 20 | 6,750 | 15.53 |
| 1948 | Apr. 04 | 12,700 | 17.80 | 1962 | Apr. 06 | 1,920 | 11.50 | 1976 | May 24 | 3,790 | 13.49 |
| 1949 | Dec. 15 | 3,520 | 13.00 | 1963 | June 28 | 2,440 | 12.20 | 1984 | Mar. 11 | 5370 | 14.69c |
| 1950 | Mar. 22 | 1,130 | 9.90 | 1964 | Mar. 08 | 7,800 | 15.90 | 1986 | Feb. 12 | 8,530 | 16.45c |

## 02316200 WILLACOOCHEE RIVER NEAR OCILLA, GEORGIA

LOCATION.--Lat 31°30'06", long 83°09'43", Irwin County, at State Highway 90, 8 mi southeast of Ocilla.
DRAINAGE AREA.--90 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 235.8 ft above sea level (levels from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,800 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 6 ft and 500 $ft^3/s$.
HISTORICAL DATA.--Flood stage of 1948 based on information furnished by local resident. The 1948 flood is flood is thought to have been the highest since at least 1928, based on information from nearby stations. Peak discharge for 1948 is an estimate.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. -- | 7,000 | 11.90c | 1960 | Apr. 04 | 2,300 | 7.98 | 1970 | Aug. 28 | 3,010 | 8.71 |
| 1950 | Mar. 15 | 295 | 5.46 | 1961 | Apr. 16 | 3,290 | 8.99 | 1971 | Mar. 05 | 1,000 | 6.70 |
| 1951 | Mar. -- | 770 | 6.51 | 1962 | Apr. 01 | 830 | 6.28 | 1972 | Feb. 04 | 1,810 | 7.43 |
| 1952 | Mar. 26 | 710 | 6.35 | 1963 | June 24 | 950 | 6.46 | 1973 | Apr. 02 | 2,780 | 8.48 |
| 1953 | Sept. 29 | 910 | 6.45 | 1964 | Mar. 08 | 2,010 | 7.61 | 1974 | Feb. 19 | 966 | 6.47 |
| 1954 | Jan. 01 | 485 | 5.78 | 1965 | Feb. 20 | 1,190 | 6.75 | 1975 | Apr. 16 | 1,760 | 7.39 |
| 1955 | Apr. 19 | 485 | 5.83 | 1966 | Mar. 05 | 2,300 | 7.99 | 1976 | May 16 | 910 | 6.40 |
| 1956 | Feb. 21 | 550 | 5.87 | 1967 | Jan. 04 | 2,260 | 7.79 | 1977 | Mar. 15 | 1,440 | 7.05 |
| 1957 | Apr. 12 | 485 | 5.78 | 1968 | Mar. 12 | 330 | 5.52 | 1984 | Mar. 07 | 1,970 | 7.64c |
| 1958 | Apr. 10 | 760 | 6.20 | 1969 | Sept. 22 | 1,370 | 6.98 | 1986 | Feb. 12 | 3,740 | 9.40c |
| 1959 | Mar. 07 | 2,270 | 7.83 | | | | | | | | |

## 02316220 LITTLE BRUSHY CREEK NEAR OCILLA, GEORGIA

LOCATION.--Lat 31°36'30", long 83°13'56", Irwin County, at culvert on secondary road 1533, 1.2 mi northeast of Ocilla.
DRAINAGE AREA.--1.65 $mi^2$.
GAGE.--Flood-stage recorder prior to Nov. 28, 1967; flood-stage/rainfall recorder thereafter. Datum of gage is about 303 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 139 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | Feb. 28 | 88.0 | 2.25 | 1970 | Mar. 21 | 122 | 2.57 | 1974 | Apr. 05 | 61 | 1.79 |
| 1967 | Aug. 11 | 76.0 | 2.15 | 1971 | Apr. 30 | 43 | 1.59 | 1975 | Apr. 10 | 90 | 2.10 |
| 1968 | Dec. 11 | 20.0 | 1.35 | 1972 | Jan. 13 | 63 | 1.89 | 1986 | Feb. 10 | 258 | 3.85c |
| 1969 | Sept. 21 | 33.0 | 1.72 | 1973 | Apr. 01 | 188 | 3.12 | | | | |

## 02316260 ALAPAHA RIVER TRIBUTARY NO. 4, NEAR WILLACOOCHEE, GEORGIA

LOCATION.--Lat 31°16'50", long 83°03'45", Berrien County, at culvert on State Highway 135, 4.5 mi south of Willacoochee.
DRAINAGE AREA.--4.16 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 217 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 330 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Dec. 04 | 1,000 | 8.61 | 1969 | Sept. 21 | 83 | 3.75 | 1973 | Apr. 26 | 223 | 5.02 |
| 1966 | May 26 | 212 | 4.90 | 1970 | Mar. 28 | 147 | 4.40 | 1974 | Sept. 08 | 163 | 4.62 |
| 1967 | Jan. 01 | 135 | 4.30 | 1971 | July 31 | 210 | 4.93 | 1975 | Apr. 10 | 186 | 4.77 |
| 1968 | Sept. 00 | 10 | --b | 1972 | Mar. 03 | 113 | 4.23 | | | | |

## 02316390 ALAPAHA RIVER AT LAKELAND, GEORGIA

LOCATION.--Lat 31°02'46", long 83°02'37", Lanier County, on State Highway 37, 1 mi east of Lakeland.
DRAINAGE AREA.--1,080 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 104.88 ft above sea level (levels from the Federal Emergency Management Agency, Flood Insurance Study).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 16,700 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--Peak discharges for 1981 and 1985 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1970 | Apr. 08 | 7,140 | 18.47 | 1976 | May 27 | 6,220 | 18.01 | 1982 | Feb. 20 | 4,420 | 16.62 |
| 1971 | Mar. 11 | 5,780 | 17.75 | 1977 | Mar. 01 | 6,800 | 18.30 | 1983 | Mar. 17 | 7,080 | 18.44 |
| 1972 | Jan. 21 | 5,440 | 17.53 | 1978 | Feb. 07 | 6,660 | 18.23 | 1984 | Mar. 10 | 10,900 | 19.43 |
| 1973 | Apr. 08 | 10,300 | 19.33 | 1979 | Mar. 05 | 7,580 | 18.65 | 1985 | Aug. 03 | 1,700 | -- |
| 1974 | Apr. 09 | 4,900 | 17.08 | 1980 | Mar. 20 | 7,950 | 18.85 | 1986 | Feb. 15 | 20,500 | 20.50 |
| 1975 | Apr. 22 | 7,140 | 18.47 | 1981 | Feb. 12 | 1,000 | -- | 1987 | Jan. 30 | 8,780 | 19.02 |

## 02317500 ALAPAHA RIVER AT STATENVILLE, GEORGIA

LOCATION.--Lat 30°42'14", long 83°02'00", Echols County, at downstream side of left bank pier of bridge on State Highway 94, 0.2 mi west of Statenville.
DRAINAGE AREA.--1,400 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 76.77 ft above sea level (levels by the Georgia Department of Transportation). Dec. 10, 1931, to Nov. 30, 1949, nonrecording gage is site 200 upstream at present datum, and Dec. 1, 1949, to Nov. 22, 1952, nonrcording gage at present site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 25,000 $ft^3/s$. Bankfull stage and discharge, 24 ft and 6,500 $ft^3/s$.
HISTORICAL DATA.--The flood of April 1948 was the highest since 1862, from information furnished in 1948 by a local resident. Local residents also stated in 1946 that the flood of May 1928 was the highest since 1900. Flood stage of 1928 based on information furnished by local resident.
REMARKS.--Peak discharges for 1929-31 estimated from records obtained by Mayday, Ga., 11 mi upstream where the drainage area is 1,300 $mi^2$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1928 | May 01 | 18,400 | 28.50 | 1949 | Dec. 10 | 4,980 | 19.50 | 1970 | Apr. 13 | 7,800 | 25.10 |
| 1929 | Mar. 22 | 14,200 | -- | 1950 | Apr. 05 | 1,740 | 8.70 | 1971 | Mar. 18 | 5,480 | 20.94 |
| 1930 | Oct. 09 | 5,630 | -- | 1951 | Apr. 05 | 3,480 | 14.90 | 1972 | Feb. 15 | 6,190 | 22.96 |
| 1931 | May 19 | 3,370 | -- | 1952 | Mar. 13 | 3,360 | 14.50 | 1973 | Apr. 11 | 13,500 | 27.42 |
| 1932 | Aug. 30 | 2,740 | 11.60 | 1953 | Sept. 30 | 4,100 | 16.90 | 1974 | Sept. 11 | 4,670 | 18.63 |
| 1933 | Feb. 22 | 6,140 | 21.82 | 1954 | Jan. 09 | 4,010 | 16.60 | 1975 | Apr. 26 | 8,720 | 25.66 |
| 1934 | June 04 | 2,420 | 10.80 | 1955 | Apr. 23 | 1,320 | 7.10 | 1976 | June 02 | 6,440 | 23.60 |
| 1935 | Sept. 06 | 3,440 | 14.60 | 1956 | May 08 | 4,450 | 19.70 | 1977 | Mar. 18 | 7,500 | 24.90 |
| 1936 | Feb. 19 | 4,900 | 18.50 | 1957 | June 14 | 2,940 | 13.10 | 1978 | Feb. 09 | 6,600 | 24.01 |
| 1937 | Apr. 14 | 6,560 | 22.80 | 1958 | Apr. 22 | 7,950 | 25.20 | 1979 | Mar. 09 | 8,540 | 25.57 |
| 1938 | Sept. 30 | 1,130 | 6.40 | 1959 | Mar. 17 | 10,000 | 26.30 | 1980 | Mar. 22 | 9,480 | 26.04 |
| 1939 | Mar. 09 | 10,500 | 26.40 | 1960 | Apr. 11 | 15,000 | 27.80 | 1981 | Apr. 03 | 1,050 | 5.87 |
| 1940 | Feb. 28 | 2,630 | 11.70 | 1961 | Apr. 24 | 12,000 | 27.00 | 1982 | Feb. 23 | 4,460 | 17.83 |
| 1941 | Mar. 21 | 1,910 | 9.40 | 1962 | Apr. 11 | 3,790 | 15.90 | 1983 | Mar. 18 | 9,190 | 25.89 |
| 1942 | Mar. 23 | 6,370 | 22.30 | 1963 | Feb. 26 | 2,380 | 11.10 | 1984 | Mar. 10 | 12,700 | 27.61 |
| 1943 | Apr. 04 | 2,700 | 12.20 | 1964 | Mar. 09 | 10,200 | 26.40 | 1985 | Aug. 03 | 2,010 | 9.49 |
| 1944 | Apr. 27 | 11,100 | 26.80 | 1965 | Mar. 02 | 9,600 | 26.10 | 1986 | Feb. 17 | 18,900 | 28.58 |
| 1945 | Aug. 25 | 6,630 | 22.80 | 1966 | Mar. 14 | 12,300 | 27.10 | 1987 | Feb. 01 | 10,900 | 26.60 |
| 1946 | Jan. 30 | 4,160 | 17.20 | 1967 | Jan. 17 | 6,420 | 23.55 | 1988 | Mar. 07 | 4,770 | 18.79 |
| 1947 | Apr. 28 | 5,990 | 22.40 | 1968 | Mar. 20 | 1,000 | 5.86 | 1989 | July 06 | 1,830 | 8.84 |
| 1948 | Apr. 06 | 27,300 | 29.80 | 1969 | Sept. 03 | 2,690 | 12.20 | 1990 | Jan. 21 | 6,880 | 24.42 |

## 02317600 LITTLE RIVER NEAR STATENVILLE, GEORGIA

LOCATION.--Lat 30°42'13", long 83°07'18", Echols County, at bridge on State Highway 376, 5.5 mi west of Statenville.
DRAINAGE AREA.--199 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 85 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 8,000 $ft^3/s$, and extended above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1984 | Mar. 28 | 11,000 | 17.36 | 1987 | Jan. 12 | 2,990 | 11.99 | 1989 | June 21 | 472 | 9.64 |
| 1985 | Aug. 03 | 1,260 | 11.07 | 1988 | Mar. 20 | 3,520 | 13.32 | 1990 | Jan. 10 | 870 | 10.45 |
| 1986 | Feb. 12 | 3,250 | 13.21 | | | | | | | | |

## 02317700 WITHLACOOCHEE RIVER NEAR NASHVILLE, GEORGIA

LOCATION.--Lat 31°11'54", long 83°16'21", Berrien County, at State Highway 76, 1.5 mi southwest of Nashville.
DRAINAGE AREA.--132 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 182.9 ft above sea level (levels from the Georgia Department of Transportation), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,700 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 8 ft and 600 $ft^3/s$.
HISTORICAL DATA.--Flood stage of April 1948 based on information furnished by the Georgia Department of Transportation, and is thought to be the highest since 1928, based on information at nearby stations.
REMARKS.--Peak discharge for 1948 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. 02 | 8,500 | 14.80c | 1960 | Apr. 05 | 3,460 | 10.82 | 1970 | June 02 | 2,580 | 10.06 |
| 1951 | Apr. 01 | 1,260 | 9.03 | 1961 | Apr. 16 | 3,850 | 11.10 | 1971 | Sept. 01 | 2,030 | 9.66 |
| 1952 | Feb. 18 | 580 | 7.87 | 1962 | Apr. 01 | 1,460 | 9.18 | 1972 | Feb. 07 | 1,960 | 9.61 |
| 1953 | Sept. 30 | 2,500 | 9.98 | 1963 | June 24 | 390 | 7.41 | 1973 | Feb. 10 | 2,160 | 9.75 |
| 1954 | Dec. 27 | 620 | 8.05 | 1964 | Mar. 04 | 3,980 | 11.15 | 1974 | Feb. 20 | 964 | 8.68 |
| 1955 | Apr. 15 | 365 | 7.33 | 1965 | Dec. 05 | 4,830 | 11.86 | 1975 | Apr. 12 | 3,380 | 10.55 |
| 1956 | May 08 | 1,900 | 9.55 | 1966 | Mar. 04 | 1,990 | 9.63 | 1976 | May 25 | 2,230 | 9.80 |
| 1957 | June 11 | 830 | 8.37 | 1967 | Jan. 05 | 2,500 | 10.00 | 1977 | Nov. 30 | 1,740 | 9.44 |
| 1958 | Mar. 14 | 1,780 | 9.53 | 1968 | Mar. 12 | 481 | 7.77 | 1984 | Mar. 07 | 5,500 | 12.36c |
| 1959 | Mar. 08 | 4,350 | 11.51 | 1969 | Aug. 22 | 1,420 | 9.18 | 1986 | Feb. 12 | 5,450 | 12.31c |

## 02317710 WITHLACOOCHEE RIVER TRIBUTARY NEAR NASHVILLE, GEORGIA

LOCATION.--Lat 31°11'54", long 83°17'17", Berrien County, at culvert on State Highway 76, 2.2 mi southwest of Nashville.
DRAINAGE AREA.--0.86 $mi^2$.
GAGE.--Crest-stage gage prior to July 8, 1965; flood-stage/rainfall recorder July 8, 1965 to 1975, crest-stage gage thereafter. Datum of gage is about 200 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 124 $ft^3/s$, and extended above on the basis of culvert and flow-over-roadway computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | Apr. 05 | 65 | 2.74 | 1970 | Aug. 10 | 49 | 2.33 | 1979 | Feb. 24 | 134 | 4.19 |
| 1961 | Apr. 15 | 155 | 4.62 | 1971 | Aug. 29 | 161 | 4.68 | 1980 | Mar. 13 | 66 | 2.75 |
| 1962 | Apr. 01 | 17 | 1.42 | 1972 | Feb. 07 | 38 | 2.06 | 1981 | Feb. 12 | 15 | --b |
| 1963 | Jan. 21 | 17 | 1.42 | 1973 | July 28 | 86 | 3.23 | 1982 | Apr. 25 | 34 | 1.94 |
| 1964 | Mar. 03 | 32 | 1.87 | 1974 | Jan. 01 | 104 | 3.61 | 1983 | Mar. 06 | 138 | 4.27 |
| 1965 | Dec. 04 | 385 | 7.80 | 1975 | Apr. 10 | 174 | 4.92 | 1984 | Mar. 06 | 191 | 5.20 |
| 1966 | Mar. 04 | 74 | 2.95 | 1976 | May 23 | 134 | 4.19 | 1985 | Aug. 28 | 13 | 1.22 |
| 1967 | Oct. 10 | 29 | 1.78 | 1977 | Nov. 29 | 106 | 3.64 | 1986 | Feb. 11 | 210 | 5.59 |
| 1968 | Mar. -- | 15 | --b | 1978 | Jan. 19 | 56 | 2.49 | 1987 | Dec. 11 | 92.0 | 3.34 |
| 1969 | Mar. 18 | 23 | 1.61 | | | | | | | | |

## 02317730 NEW RVER TRIBUTARY NEAR NASHVILLE, GEORGIA

LOCATION.--Lat 31°17'18", long 83°20'36", Berrien County, at culvert on State Highway 125, 9 mi northwest of Nashville.
DRAINAGE AREA.--0.95 $mi^2$.
GAGE.--Crest-stage gage prior to July 8, 1965; flood-stage/rainfall recorder thereafter. Datum of gage is about 235 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 204 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | Apr. 05 | 108 | 1.98 | 1966 | Mar. 04 | 88 | 1.76 | 1972 | Jan. 13 | 73 | 1.57 |
| 1961 | Apr. 15 | 116 | 2.07 | 1967 | Jan. 01 | 49 | 1.26 | 1973 | Feb. 10 | 103 | 1.93 |
| 1962 | Apr. 01 | 50 | 1.27 | 1968 | Mar. -- | 36 | --b | 1974 | Sept. 08 | 79 | 1.65 |
| 1963 | June 24 | 54 | 1.33 | 1969 | Mar. 18 | 48 | 1.25 | 1975 | Apr. 10 | 173 | 2.65 |
| 1964 | May 02 | 103 | 1.93 | 1970 | Aug. 10 | 158 | 2.50 | 1984 | Mar. 06 | 180 | 2.72c |
| 1965 | Dec. 04 | 250 | 3.32 | 1971 | Apr. 30 | 68 | 1.51 | 1986 | Feb. 11 | 95 | 1.84c |

## 02317734 NEW RVER NEAR NASHVILLE, GEORGIA

LOCATION.--Lat 31°10'37", long 83°19'20", Berrien-Cook County line, at State Highway 76, 5 mi west of Nashville.
DRAINAGE AREA.--146 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 175.60 ft above sea level (levels from the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,340 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1970 | Aug. 29 | 2,030 | 9.74 | 1976 | May 26 | 2,850 | 10.59 | 1982 | Feb. 18 | 1,150 | 8.74 |
| 1971 | May 02 | 2,250 | 9.99 | 1977 | Nov. 30 | 2,040 | 9.76 | 1983 | Mar. 15 | 2,930 | 10.67 |
| 1972 | Feb. 07 | 2,210 | 9.94 | 1978 | Mar. 13 | 1,260 | 8.87 | 1984 | Mar. 07 | 6,350 | 12.50 |
| 1973 | Apr. 28 | 2,800 | 10.54 | 1979 | Feb. 24 | 4,350 | 11.77 | 1985 | Aug. 29 | 1,150 | 8.74 |
| 1974 | Apr. 06 | 1,100 | 8.68 | 1980 | Mar. 13 | 3,570 | 11.26 | 1986 | Feb. 12 | 5,880 | 12.38 |
| 1975 | Jan. 13 | 3,800 | 11.43 | 1981 | Apr. -- | 700 | --b | 1987 | Apr. 01 | 2,220 | 9.96 |

## 02317748 WITHLACOOCHEE RIVER NEAR BEMISS, GEORGIA

LOCATION.--Lat 30°57'24", long 83°16'12", Lowndes County, on downstream side of county bridge on Skipper Bridge Road, 1.9 mi downstream from Cat Creek, and 3.0 mi northwest of Bemiss.
DRAINAGE AREA.--501 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is about 130 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,710 $ft^3/s$, and extended above on the basis of rating curve extended above 6,710 $ft^3/s$, and runoff comparison with nearby stations.
HISTORICAL DATA.--The flood of April 1948 was the highest since 1862 , based on information at nearby stations.
REMARKS.--Peak discharges for 1948, 1984, and 1986 estimated from information obtained at Withlacoochee River near Valdosta (02317755).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. 04 | 37,500 | --c | 1979 | Feb. 26 | 11,500 | 22.24 | 1982 | Feb. 19 | 2,690 | 15.88 |
| 1977 | Dec. 02 | 4,810 | 18.34 | 1980 | Mar. 15 | 7,080 | 19.85 | 1984 | Mar. 08 | 16,000 | 24.28c |
| 1978 | Mar. 12 | 3,440 | 16.92 | 1981 | Apr. 03 | 1,170 | 11.41 | 1986 | Feb. 12 | 19,500 | --c |

## 02317755 WITHLACOOCHEE RIVER NEAR VALDOSTA, GEORGIA

LOCATION.--Lat 30°53'33", long 83°19'08", Lowndes County, on downstream side of bridge on U.S. Highway 41 and State Highway 7, 1.1 mi downstream from Cherry Creek, 4.0 mi upstream from Sugar Creek and 5.3 mi north of Valdosta.
DRAINAGE AREA.--537 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is about 110 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,370 $ft^3/s$, and extended above on the basis of slope-conveyance and profile studies.
HISTORICAL DATA.--Flood stage of 1948 furnished by the Georgia Department of Transportation. The flood of 1948 is thought to be the highest since 1862, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. 04 | 38,000 | 138.90c | 1980 | Mar. 15 | 6,580 | 17.55 | 1989 | July 26 | 1,120 | 11.86 |
| 1977 | Dec. 02 | 5,390 | 16.32 | 1984 | Mar. 08 | 16,000 | 22.11 | 1990 | Jan. 04 | 714 | 10.39 |
| 1978 | Mar. 13 | 3,700 | 15.30 | 1986 | Feb. 12 | 19,500 | 28.00 | | | | |

## 02317760 LITTLE RVER NEAR ASHBURN, GEORGIA

LOCATION.--Lat 31°41'33", long 83°42'16", Turner County, at culvert on State Highway 32, 3.2 mi west of Ashburn.
DRAINAGE AREA.--8.54 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 350 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 461 $ft^3/s$, and above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Feb. 17 | 197 | 4.12 | 1969 | May 19 | 456 | 4.51 | 1973 | Apr. 27 | 295 | 4.13 |
| 1966 | Mar. 04 | 517 | 4.87 | 1970 | Mar. 31 | 608 | 4.74 | 1974 | Feb. 07 | 248 | 4.08 |
| 1967 | Jan. 01 | 376 | 4.62 | 1971 | Mar. 03 | 780 | 4.99 | 1975 | Apr. 14 | 787 | 5.01 |
| 1968 | Mar. 12 | 31 | 2.75 | 1972 | Mar. 31 | 190 | 3.95 | | | | |

## 02317765 NEWELL BRANCH NEAR WORTH, GEORGIA

LOCATION.--Lat 31°44'20", long 83°43'30", Turner County, at culvert on secondary road 1531, 3.2 mi west of Worth.
DRAINAGE AREA.--0.98 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to July 2, 1965; crest-stage gage July 2, 1965, to June 6, 1967; flood-stage/rainfall recorder thereafter. Datum of gage is about 405 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 225 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 20 | 49.0 | 1.56 | 1969 | Aug. 04 | 218 | 3.71 | 1973 | June 28 | 86.0 | 2.46 |
| 1966 | Mar. 04 | 59.0 | 1.72 | 1970 | Mar. 30 | 88 | 2.48 | 1974 | Mar. 29 | 55.0 | 2.01 |
| 1967 | Jan. 10 | 54.0 | 1.65 | 1971 | Mar. 03 | 279 | 4.59 | 1975 | Apr. 10 | 112 | 2.82 |
| 1968 | Mar. -- | 30.0 | --b | 1972 | Mar. 30 | 34 | 1.72 | | | | |

## 02317770 NEWELL BRANCH NEAR ASHBURN, GEORGIA

LOCATION.--Lat 31°41'50", long 83°41'56", Turner County, at culvert on State Highway 32, 2.8 mi west of Ashburn.
DRAINAGE AREA.--6.48 $mi^2$.
GAGE.--Flood-stage recorder prior to July 26, 1967; flood-stage/rainfall recorder after Sept. 13, 1967. Datum of gage is about 350 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 325 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 20 | 266 | 4.47 | 1969 | Aug. 04 | 380 | 4.88 | 1973 | Apr. 26 | 310 | 4.45 |
| 1966 | Mar. 04 | 367 | 4.94 | 1970 | Aug. 24 | 322 | 4.73 | 1974 | Feb. 16 | 160 | 4.03 |
| 1967 | Jan. 10 | 314 | 4.76 | 1971 | Mar. 03 | 260 | 4.55 | 1975 | Apr. 10 | 412 | 4.95 |
| 1968 | Mar. 12 | 17.0 | 2.76 | 1972 | Mar. 31 | 128 | 3.99 | | | | |

## 02317775 DANIELS CREEK NEAR ASHBURN, GEORGIA

LOCATION.--Lat 31°40'40", long 83°45'06", Turner County, at culvert on State Highway 32, 5.7 mi west of Ashburn.
DRAINAGE AREA.--1.11 $mi^2$.
GAGE.--Flood-stage recorder prior to 1975; crest-stage gage thereafter. Datum of gage is about 385 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 96 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 20 | 75 | 1.93 | 1973 | Apr. 26 | 103 | 2.24 | 1981 | Sept. 05 | 11 | 1.12 |
| 1966 | Mar. 04 | 151 | 2.75 | 1974 | Feb. 07 | 57 | 1.73 | 1982 | Apr. 26 | 131 | 2.55 |
| 1967 | Jan. 01 | 159 | 2.84 | 1975 | Apr. 14 | 111 | 2.33 | 1983 | Mar. 06 | 231 | 3.60 |
| 1968 | Mar. 11 | 11 | 1.11 | 1976 | May 15 | 96 | 2.17 | 1984 | Mar. 06 | 143 | 2.67 |
| 1969 | Aug. 02 | 72 | 1.90 | 1977 | Jan. 04 | 45 | 1.60 | 1985 | Feb. 06 | 23 | 1.30 |
| 1970 | June 04 | 127 | 2.51 | 1978 | Jan. 25 | 148 | 2.72 | 1986 | Nov. 21 | 59 | 1.76 |
| 1971 | July 02 | 72 | 1.90 | 1979 | Feb. 24 | 184 | 3.12 | 1987 | Feb. 28 | 132 | 2.56 |
| 1972 | June 25 | 46 | 1.61 | 1980 | Mar. 13 | 117 | 2.40 | | | | |

## 02317780 LIME SINK CREEK NEAR SYCAMORE, GEORGIA

LOCATION.--Lat 31°36'20", long 83°40'31", Turner County, at culvert on secondary road 1181, 4.5 mi southwest of Sycamore.
DRAINAGE AREA.--0.68 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to 1975; crest-stage gage thereafter. Datum of gage is about 355 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 87 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Peak discharge for 1984 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Dec. 25 | 102 | 3.48 | 1972 | Jan. 13 | 27 | 1.82 | 1979 | Feb. 24 | 161 | 4.58 |
| 1966 | Mar. 04 | 144 | 4.29 | 1973 | Apr. 07 | 145 | 4.30 | 1980 | Apr. 05 | 126 | 3.97 |
| 1967 | Jan. 01 | 62 | 2.69 | 1974 | Apr. 04 | 98 | 3.40 | 1981 | Mar. 13 | -- | 10.0 |
| 1968 | Mar. 11 | 18 | 1.55 | 1975 | Apr. 14 | 103 | 3.50 | 1982 | Apr. 26 | 252 | 6.08 |
| 1969 | Aug. 23 | 29 | 1.87 | 1976 | July 20 | 81 | 3.06 | 1983 | Mar. 06 | 244 | 5.97 |
| 1970 | May 28 | 119 | 3.82 | 1977 | Nov. 30 | 85 | 3.14 | 1984 | Mar. 06 | 75 | 3.38 |
| 1971 | July 04 | 86 | 3.15 | 1978 | Jan. 25 | 48 | 2.35 | | | | |

## 02317795 MILL CREEK NEAR TIFTON, GEORGIA

LOCATION.--Lat 31°29'36", long 83°34'04", Tift County, at culvert on county road, 3 mi northwest of Tifton.
DRAINAGE AREA.--6.21 $mi^2$.
GAGE.--Flood-stage recorder prior to June 29, 1965; June 29, 1965, to Aug. 22, 1968, crest-stage gage; flood-stage/rainfall recorder thereafter. Datum of gage is about 275 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 450 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 02 | 232 | 5.04 | 1970 | Mar. 21 | 796 | 6.22 | 1974 | Apr. 05 | 398 | 5.52 |
| 1966 | Feb. 28 | 712 | 6.12 | 1971 | Apr. 30 | 153 | 4.67 | 1975 | Apr. 14 | 458 | 5.65 |
| 1967 | Feb. 07 | 144 | 4.62 | 1972 | Feb. 03 | 206 | 4.94 | 1984 | Mar. 06 | 525 | 5.79c |
| 1968 | July 10 | 55 | 3.78 | 1973 | Feb. 02 | 836 | 6.27 | 1986 | Feb. 11 | 1,400 | 11.06c |
| 1969 | Mar. 18 | 229 | 5.03 | | | | | | | | |

## 02317800 LITTLE RIVER NEAR TIFTON, GEORGIA

LOCATION.--Lat 31°26'21", long 83°33'38", Tift County, at U.S. Highway 82, 3 mi west of Tifton.
DRAINAGE AREA.--145 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 251.5 ft above sea level (levels from U.S. Geological Survey).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,580 $ft^3/s$. Bankfull stage and discharge, 7 ft and 900 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 30 | 950 | 7.43 | 1959 | Mar. 08 | 2,930 | 9.05 | 1967 | Jan. 04 | 2,600 | 8.34 |
| 1952 | Feb. 28 | 640 | 7.05 | 1960 | Apr. 05 | 3,470 | 9.78 | 1968 | Apr. -- | 700 | --b |
| 1953 | Sept. 30 | 1,030 | 7.52 | 1961 | Apr. 16 | 3,630 | 9.89 | 1969 | Mar. -- | 700 | --b |
| 1954 | Dec. 27 | 870 | 7.30 | 1962 | Apr. 01 | 740 | 6.96 | 1970 | Aug. 27 | 2,200 | 8.24 |
| 1955 | Apr. 14 | 460 | 6.73 | 1963 | June 24 | 1,800 | 7.81 | 1971 | Sept. 02 | 970 | 7.19 |
| 1956 | Mar. 17 | 790 | 7.23 | 1964 | Mar. 05 | 2,950 | 8.62 | 1972 | Jan. 14 | 1,590 | 7.71 |
| 1957 | Apr. 09 | 1,080 | 7.32 | 1965 | Feb. 17 | 1,790 | 8.20 | 1973 | Apr. 04 | 3,500 | 9.10 |
| 1958 | Apr. 11 | 1,670 | 8.07 | 1966 | Mar. 06 | 3,600 | 9.18 | | | | |

## 02317810 ARNOLD CREEK TRIBUTARY NEAR TIFTON, GEORGIA
(Formerly published as "Little River Tributary No. 2 near Tifton, Georgia")

LOCATION.--Lat 31°25'30", long 83°34'23", Tift County, at culvert on secondary road 546, 4 mi southwest of Tifton.
DRAINAGE AREA.--0.47 $mi^2$.
GAGE.--Flood-stage recorder prior to April 17, 1967; flood-stage/rainfall recorder from April 17, 1967 to 1975, crest-stage gage thereafter.. Datum of gage is about 310 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 25 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 28 | 64 | 2.46 | 1974 | Apr. 05 | 42 | 1.90 | 1983 | Mar. 06 | 55 | 2.22 |
| 1966 | Feb. 28 | 55 | 2.23 | 1975 | Apr. 10 | 48 | 23.0 | 1984 | Mar. 06 | 147 | 4.22 |
| 1967 | Jan. 02 | 19 | 1.23 | 1976 | May 24 | 28 | 1.55 | 1985 | Aug. 29 | 4.0 | 0.48 |
| 1968 | Dec. -- | 16 | --b | 1977 | Jan. 04 | 10 | 0.82 | 1986 | Feb. 11 | 160 | 4.46 |
| 1969 | July 22 | 25 | 1.43 | 1978 | May 26 | 86 | 2.99 | 1987 | Mar. 01 | 61 | 2.37 |
| 1970 | Mar. 21 | 78 | 2.80 | 1979 | Feb. 24 | 76 | 2.75 | 1988 | Mar. 04 | 67 | 2.53 |
| 1971 | Apr. 30 | 78 | 2.79 | 1980 | Apr. 05 | 140 | 4.07 | 1989 | Apr. 15 | 16 | 1.10 |
| 1972 | Jan. 13 | 66 | 2.51 | 1981 | Jan. -- | 5 | --b | 1990 | Jan. 09 | 49 | 2.09 |
| 1973 | Feb. 02 | 35 | 1.72 | 1982 | Apr. 26 | 66 | 2.49 | | | | |

## 02317820 ARNOLD CREEK NEAR TIFTON, GEORGIA

LOCATION.--Lat 31°24'44", long 83°35'26", Tift County, at culvert on county road S-546, 2.3 mi west of Tifton.
DRAINAGE AREA.--4.80 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 290 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 151 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 28 | 191 | 3.79 | 1968 | Aug. 25 | 31 | 2.78 | 1971 | Apr. 30 | 292 | 4.08 |
| 1966 | Feb. 28 | 260 | 4.00 | 1969 | July 28 | 164 | 3.69 | 1972 | Dec. 20 | 97 | 3.39 |
| 1967 | Jan. 01 | 137 | 3.58 | 1970 | Mar. 26 | 450 | 4.43 | 1973 | Feb. 02 | 345 | 4.21 |

## 02317830 LITTLE RIVER NEAR LENOX, GEORGIA

LOCATION.--Lat 31°15'15", long 83°30'32", Cook County, at county road S-548, 2.5 mi west of Lenox.
DRAINAGE AREA.--208 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 196.68 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,500 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and discharge, 10 ft and 800 $ft^3/s$.
HISTORICAL DATA.--The flood of 1973 is thought to be the highest since 1961, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1968 | Mar. 17 | 376 | 8.37 | 1973 | Apr. 06 | 4,550 | 14.05 | 1977 | Mar. 08 | 2,330 | 12.32 |
| 1969 | Mar. 20 | 956 | 10.94 | 1974 | Apr. 06 | 2,490 | 12.42 | 1978 | Jan. 29 | 2,680 | 12.55 |
| 1970 | Apr. 03 | 2,450 | 12.39 | 1975 | Apr. 11 | 3,300 | 12.97 | 1984 | Mar. 07 | 5,600 | 14.84c |
| 1971 | July 07 | 1,960 | 12.02 | 1976 | May 17 | 2,600 | 12.50 | 1986 | Feb. 11 | 7,700 | 15.71c |
| 1972 | Jan. 14 | 2,410 | 12.38 | | | | | | | | |

## 02317840 WARRIOR CREEK NEAR SYLVESTER, GEORGIA

LOCATION.--Lat 31°33'10", long 83°48'53", Worth County, at State Highway 112, 1.8 mi northeast of Sylvester.
DRAINAGE AREA.--8.24 $mi^2$.
GAGE.--Crest-stage prior to Mar. 14, 1968; flood-stage/rainfall recorder thereafter. Datum of gage is about 355 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 800 $ft^3/s$, and extended above on basis of straight-line extension.
HISTORICAL DATA.--Peak of 1966 is thought to be the highest since 1961, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Dec. 25 | 388 | 6.03 | 1969 | Mar. 18 | 179 | 42 | 1973 | Apr. 03 | 243 | 4.47 |
| 1966 | Mar. 04 | 1,160 | 6.83 | 1970 | May 30 | 364 | 5.90 | 1974 | Apr. 04 | 234 | 4.39 |
| 1967 | Jan. 02 | 240 | 4.44 | 1971 | Apr. 30 | 237 | 4.42 | 1975 | Apr. 10 | 705 | 6.47 |
| 1968 | Mar. 11 | 240 | 4.44 | 1972 | June 25 | 162 | 3.92 | 1984 | Mar. 06 | 380 | 6.00c |

## 02317845 WARRIOR CREEK TRIBUTARY NEAR SYLVESTER, GEORGIA

LOCATION.--Lat 31°32'54", long 83°49'11", Worth County, at culvert on State Highway 112, 1.2 mi northeast of Sylvester.
DRAINAGE AREA.--1.64 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 360 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 120 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Dec. 25 | 264 | 3.35 | 1969 | Sept. 21 | 86 | 2.15 | 1973 | Apr. 07 | 217 | 3.07 |
| 1966 | Mar. 04 | 255 | 3.30 | 1970 | Aug. 26 | 252 | 3.28 | 1974 | Sept. 06 | 166 | 2.75 |
| 1967 | Feb. 07 | 119 | 2.40 | 1971 | Apr. 30 | 110 | 2.33 | 1975 | Apr. 10 | 321 | 3.67 |
| 1968 | Mar. 11 | 128 | 2.47 | 1972 | Jan. 30 | 100 | 2.25 | | | | |

## 02317870 WARRIOR CREEK NEAR SUMNER, GEORGIA

LOCATION.--Lat 31°21'45", long 83°46'11", Worth County, at county road, 10.8 mi south of Sumner.
DRAINAGE AREA.--109 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 256.6 ft above sea level (levels from U.S. Geological Survey).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,700 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 11 ft and 800 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | Mar. 05 | 3,020 | 13.51 | 1974 | Apr. 06 | 2,360 | 13.01 | 1981 | Feb. 18 | 100 | 7.69 |
| 1967 | Jan. 04 | 1,710 | 12.34 | 1975 | Apr. 11 | 4,010 | 14.22 | 1982 | Apr. 28 | 1,020 | 11.50 |
| 1968 | Mar. 12 | 805 | 11.09 | 1976 | May 25 | 1,620 | 12.25 | 1983 | Feb. 15 | 2,320 | 12.97 |
| 1969 | Mar. 19 | 1,380 | 11.98 | 1977 | Mar. 09 | 1,770 | 12.41 | 1984 | Mar. 06 | 3,720 | 14.01 |
| 1970 | Aug. 10 | 4,320 | 14.36 | 1978 | Jan. 29 | 2,590 | 13.20 | 1985 | Feb. 07 | 845 | 11.17 |
| 1971 | Mar. 27 | 3,640 | 13.90 | 1979 | Feb. 27 | 2,510 | 13.13 | 1986 | Feb. 11 | 4,440 | 14.42 |
| 1972 | Jan. 14 | 2,520 | 13.14 | 1980 | Apr. 07 | 2,780 | 13.34 | 1987 | Dec. 11 | 2,460 | 13.09 |
| 1973 | Apr. 27 | 3,390 | 13.78 | | | | | | | | |

## 02317890 LITTLE CREEK NEAR SYLVESTER, GEORGIA

LOCATION.--Lat 31°36'48", long 83°45'29", Worth County, at culvert on State Highway 112, 7.5 mi northwest of Sylvester.
DRAINAGE AREA.--0.39 $mi^2$.
GAGE.--Flood-stage recorder prior to Mar. 14, 1968; flood-stage/rainfall recorder thereafter. Datum of gage is about 410 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 87 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Dec. 25 | 39 | 2.10 | 1969 | May 18 | 43 | 2.02 | 1973 | Apr. 07 | 86 | 2.34 |
| 1966 | Mar. 04 | 137 | 3.04 | 1970 | June 04 | 88 | 2.36 | 1974 | Apr. 04 | 43 | 2.02 |
| 1967 | Aug. 20 | 82 | 2.30 | 1971 | July 02 | 81 | 2.29 | 1975 | Apr. 10 | 133 | 2.99 |
| 1968 | Mar. -- | 6.0 | --b | 1972 | June 25 | 14 | 1.59 | | | | |

## 02317900 TY TY CREEK AT TY TY, GEORGIA

LOCATION.--Lat 31°28'22", long 83°39'47", Tift County, at U.S. Highway 82, 1 mi west of Ty Ty.
DRAINAGE AREA.--47 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 289.26 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,840 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 4.5 ft and 250 $ft^3/s$.
HISTORICAL DATA.--Flood stage of April 1948 based on information furnished by the Georgia Department of Transportation, and is thought to be the highest since 1928 on the basis of information at nearby stations.
REMARKS.--Peak discharge for 1948 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. -- | 3,500 | 9.30c | 1961 | Apr. 16 | 1,880 | 7.32 | 1971 | Mar. 27 | 645 | 5.61 |
| 1951 | Mar. 30 | 405 | 5.05 | 1962 | Apr. 01 | 360 | 4.84 | 1972 | Jan. 14 | 824 | 5.94 |
| 1952 | Dec. 22 | 690 | 5.68 | 1963 | June 24 | 770 | 5.87 | 1973 | Apr. 27 | 1,880 | 7.30 |
| 1953 | Sept. 30 | 640 | 5.57 | 1964 | Feb. 18 | 1,040 | 6.25 | 1974 | Apr. 05 | 1,490 | 6.77 |
| 1954 | Dec. 31 | 260 | 4.50 | 1965 | Dec. 27 | 1,160 | 6.39 | 1975 | Apr. 11 | 1,290 | 6.56 |
| 1955 | May 25 | 345 | 4.80 | 1966 | Mar. 06 | 1,500 | 6.87 | 1976 | May 15 | 746 | 5.81 |
| 1956 | Feb. 17 | 475 | 5.17 | 1967 | Jan. 04 | 538 | 5.37 | 1977 | Mar. 08 | 1,080 | 6.31 |
| 1957 | Apr. 09 | 740 | 5.84 | 1968 | Mar. 12 | 218 | 4.33 | 1978 | Jan. 27 | 1,620 | 7.01 |
| 1958 | Apr. 11 | 930 | 6.13 | 1969 | Mar. 19 | 351 | 4.82 | 1984 | Mar. 07 | 1,660 | 7.06c |
| 1959 | Mar. 08 | 1,330 | 6.62 | 1970 | Aug. 28 | 778 | 5.85 | 1986 | Feb. 11 | 1,520 | 6.90c |
| 1960 | Apr. 05 | 1,670 | 6.97 | | | | | | | | |

## 02317905 LITTLE CREEK NEAR OMEGA, GEORGIA

LOCATION.--Lat 31°23'35", long 83°38'00", Tift County, at secondary road 546, 4.2 mi north of Omega.
DRAINAGE AREA.--4.22 $mi^2$.
GAGE.--Crest-stage gage prior to June 6, 1967; flood-stage/rainfall recorder thereafter. Datum of gage is about 270 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 420 $ft^3/s$, and extended above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 28 | 524 | 4.66 | 1970 | Mar. 21 | 725 | 5.09 | 1974 | Apr. 05 | 333 | 4.16 |
| 1966 | Feb. 28 | 380 | 4.30 | 1971 | Apr. 30 | 660 | 4.96 | 1975 | Apr. 10 | 195 | 3.65 |
| 1967 | Jan. 03 | 150 | 3.48 | 1972 | Jan. 13 | 564 | 4.76 | 1984 | Mar. 06 | 600 | 4.84c |
| 1968 | July 11 | 71 | 3.16 | 1973 | Feb. 02 | 440 | 4.45 | 1986 | Feb. 11 | 820 | 5.28c |
| 1969 | Mar. 24 | 184 | 3.97 | | | | | | | | |

## 02317910 TY TY CREEK TRIBUTARY AT CROSLAND, GEORGIA

LOCATION.--Lat 31°19'17", long 83°37'24", Colquitt County, at culvert on U.S. Highway 319 and State Highway 35, at Crosland.
DRAINAGE AREA.--2.07 $mi^2$.
GAGE.--Crest-stage gage prior to July 7, 1965; flood-stage/rainfall recorder thereafter. Datum of gage is about 240 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 362 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | Apr. 05 | 242 | 3.76 | 1966 | May 17 | 294 | 4.23 | 1972 | Feb. 03 | 198 | 3.27 |
| 1961 | Apr. 15 | 400 | 5.12 | 1967 | Jan. 01 | 90 | 1.99 | 1973 | Apr. 03 | 203 | 3.32 |
| 1962 | Apr. 01 | 85 | 1.90 | 1968 | Mar. 10 | 120 | 2.38 | 1974 | Apr. 05 | 235 | 3.67 |
| 1963 | Feb. 12 | 81 | 1.83 | 1969 | Mar. 18 | 87 | 1.94 | 1984 | Mar. 06 | 484 | 5.85c |
| 1964 | Apr. 07 | 210 | 3.40 | 1970 | Aug. 10 | 238 | 3.70 | 1986 | Feb. 10 | 398 | 5.14c |
| 1965 | Dec. 04 | 273 | 4.05 | 1971 | May 12 | 247 | 3.79 | | | | |

## 02317980 LITTLE RIVER NEAR SPARKS, GEORGIA

LOCATION.--Lat 31°11'34", long 83°31'22", Cook County, at bridge by on county highway, 5.5 mi west of Sparks.
DRAINAGE AREA.--555 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 185.01 ft above sea level (levels by the Georgia Department of Transportation.)
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 17,200 $ft^3/s$, and extended above on the basis of records for station on Little River near Adel. Bankfull stage and discharge, 10 ft and 2,500 $ft^3/s$.
HISTORICAL DATA.--Based on records for nearby station, the April 1948 flood is thought to be the highest since 1862. Peak discharges for the 1928 and 1948 are estimated, based on station downstream on Little River near Adel (02318000).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1928 | Aug. 17 | 25,000 | --c | 1967 | Jan. 05 | 4,220 | 11.24 | 1975 | Apr. 12 | 10,200 | 12.83 |
| 1948 | Apr. 02 | 28,000 | --c | 1968 | Mar. 18 | 900 | --b | 1976 | May 25 | 6,320 | 11.83 |
| 1961 | Apr. 17 | 12,000 | 13.20 | 1969 | Mar. 21 | 2,890 | 10.37 | 1977 | Mar. 10 | 5,400 | 11.60 |
| 1962 | Apr. 02 | 2,890 | 10.39 | 1970 | June 02 | 6,280 | 11.82 | 1978 | Jan. 29 | 7,400 | 12.08 |
| 1963 | June 27 | 5,440 | 11.61 | 1971 | May 02 | 6,280 | 11.82 | 1979 | Feb. 27 | 10,900 | 12.98 |
| 1964 | May 04 | 6,520 | 11.88 | 1972 | Feb. 07 | 6,160 | 11.79 | 1984 | Mar. 07 | 17,400 | 14.21c |
| 1965 | Mar. 30 | 6,680 | 11.92 | 1973 | Apr. 06 | 12,800 | 12.83 | 1986 | Feb. 12 | 24,900 | 15.49c |
| 1966 | Mar. 09 | 6,680 | 11.92 | 1974 | Feb. 09 | 6,160 | 11.79 | | | | |

## 02318000 LITTLE RIVER NEAR ADEL, GEORGIA

LOCATION.--Lat 31°09'18", long 83°32'38", Cook County, on right bank 500 ft downstream from bridge on State Highway 37, 0.5 mi downstream from Georgia & Florida Railroad bridge, 5.5 mi upstream from Bear Creek, 6 mi downstream from Warrior Creek, and 7 mi west of Adel.
DRAINAGE AREA.--577 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 171.08 ft above sea level, supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 23,800 $ft^3/s$, and extended above on the basis of velocity-area studies. Bankfull stage and discharge, 16 ft and 4,200 $ft^3/s$.
HISTORICAL DATA.--Flood stage of August 1928 based on information furnished by the Georgia Department of Transportation. The August 1928 flood was, at that time, said to be the highest known to local residents since at least 1862.
REMARKS.--Minor regulation since 1961 from small dam about 0.3 mi upstream. Peak discharges for 1974-79 are estimated, based on station upstream on Little River near Sparks (02317980).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1928 | Aug. 17 | 26,000 | 20.50c | 1954 | Jan. 02 | 2,750 | 14.40 | 1968 | Mar. 18 | 923 | 9.63 |
| 1941 | Mar. 24 | 1,520 | 11.50 | 1955 | Apr. 18 | 1,550 | 11.60 | 1969 | Mar. 22 | 2,900 | 14.86 |
| 1942 | Jan. 06 | 5,900 | 16.70 | 1956 | May 08 | 4,360 | 15.80 | 1970 | June 03 | 5,680 | 16.87 |
| 1943 | May 26 | 3,950 | 15.60 | 1957 | Apr. 11 | 2,240 | 13.60 | 1971 | May 03 | 5,850 | 16.95 |
| 1944 | Mar. 08 | 15,000 | 18.70 | 1958 | Apr. 13 | 5,070 | 16.50 | 1973 | Apr. 06 | 13,500 | 18.71 |
| 1945 | July 22 | 3,670 | 15.30 | 1959 | Mar. 08 | 9,600 | 17.60 | 1974 | Feb. 09 | 6,250 | -- |
| 1946 | May 24 | 2,920 | 14.60 | 1960 | Apr. 05 | 12,500 | 18.30 | 1975 | Apr. 12 | 11,000 | -- |
| 1947 | Mar. 10 | 7,580 | 17.10 | 1961 | Apr. 17 | 13,500 | 19.00 | 1976 | May 25 | 6,450 | -- |
| 1948 | Apr. 02 | 30,800 | 21.00 | 1962 | Apr. 04 | 3,440 | 15.22 | 1977 | Mar. 10 | 5,500 | -- |
| 1949 | Dec. 12 | 4,520 | 15.90 | 1963 | Mar. 16 | 3,920 | 15.60 | 1978 | Jan. 29 | 7,500 | -- |
| 1950 | July 15 | 2,750 | 14.40 | 1964 | May 04 | 6,950 | 17.25 | 1979 | Feb. 27 | 11,500 | -- |
| 1951 | Apr. 02 | 3,320 | 15.00 | 1965 | Mar. 30 | 6,350 | 17.11 | 1984 | Mar. 08 | 18,900 | 19.73c |
| 1952 | Dec. 25 | 4,360 | 15.80 | 1966 | Mar. 08 | 7,500 | 17.43 | 1986 | Feb. 12 | 24,000 | 21.00c |
| 1953 | Sept. 30 | 3,210 | 14.90 | 1967 | Jan. 06 | 5,080 | 16.59 | | | | |

## 02318015 BULL CREEK NEAR NORMAN PARK, GEORGIA

LOCATION.--Lat 31°13'13", long 83°37'20", Colquitt County, at culvert on secondary road 548, 5 mi southeast of Norman Park.
DRAINAGE AREA.--1.36 $mi^2$.
GAGE.--Crest-stage gage prior to July 8, 1965; flood-stage recorder July 8, 1965 to November 3, 1967; flood-stage/rainfall recorder thereafter. Datum of gage is about 275 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 277 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | June 15 | 236 | 3.40 | 1969 | Mar. 18 | 71 | 2.13 | 1973 | July 18 | 276 | 3.85 |
| 1966 | Feb. 28 | 94 | 2.33 | 1970 | Mar. 28 | 88 | 2.28 | 1974 | Feb. 08 | 96 | 2.35 |
| 1967 | Jan. 03 | 55 | 1.97 | 1971 | July 12 | 536 | 5.88 | 1975 | Apr. 10 | 232 | 3.37 |
| 1968 | Aug. 19 | 17 | 1.46 | 1972 | Feb. 03 | 215 | 3.25 | | | | |

## 02318020 BULL CREEK TRIBUTARY NEAR ELLENTON, GEORGIA

LOCATION.--Lat 31°09'19", long 83°37'06", Colquitt County, at culvert on State Highway 37, 3 mi west of Ellenton.
DRAINAGE AREA.--0.27 $mi^2$.
GAGE.--Crest-stage gage prior to July 8, 1965; flood-stage recorder thereafter. Datum of gage is about 230 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 90 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | Apr. 05 | 97 | 3.76 | 1966 | May 17 | 130 | 4.63 | 1972 | Jan. 13 | 130 | 4.65 |
| 1961 | Apr. 15 | 181 | 5.63 | 1967 | Jan. 14 | 27 | 1.80 | 1973 | Apr. 04 | 98 | 3.79 |
| 1962 | Apr. 01 | 18 | 1.40 | 1968 | Aug. 27 | 22 | 1.61 | 1974 | June 09 | 94 | 3.70 |
| 1963 | Jan. 21 | 47 | 2.43 | 1969 | May 19 | 49 | 2.52 | 1975 | Apr. 10 | 140 | 4.95 |
| 1964 | Mar. 26 | 74 | 3.17 | 1970 | Aug. 11 | 58 | 2.77 | 1984 | Mar. 06 | 106 | 3.94c |
| 1965 | Dec. 04 | 123 | 4.51 | 1971 | Mar. 26 | 138 | 4.85 | | | | |

## 02318500 WITHLACOOCHEE RIVER NEAR QUITMAN, GEORGIA

LOCATION.--Lat 30°47'22", long 83°27'06", Brooks-Lowndes County line, at abandoned bridge on old U.S. Highway 84, 500 ft upstream from Tiger Creek, 800 ft downstream from Atlantic Coast Line Railroad bridge, 4 mi upstream from Piscola Creek, 6 mi east of Quitman, and 9 mi downstream from Little River.
DRAINAGE AREA.--1,480 $mi^2$.
GAGE.--Nonrecording gage at same site and datum 5.0 ft lower prior to October 1932 (published as "at Blue Springs"), June 9, 1937 to May 31, 1948, nonrecording gage at same site and datum, May 19, 1949 to March 1, 1954, crest-stage gage at same site and datum, Sept. 29, 1988 to May 4, 1989, water-stage recorder at site 2,000 ft upstream at same datum, and May 5, 1989 to present, water-stage recorder at same site and datum. All gage heights converted to present datum. Datum of gage is 84.30 ft above sea level, supplemtary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 48,300 $ft^3/s$. Bankfull stage and discharge, 19 ft and 7,800 $ft^3/s$.
HISTORICAL DATA.--The August 1928 flood was reported at that time to be the highest known to the older residents of the area, dating back to 1862.
REMARKS.--Annual flood stages obtained from graphs based on twice-daily gage readings prior to May 31, 1948.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1928 | Aug. 19 | 49,000 | 31.30 | 1942 | Jan. 09 | 11,600 | 22.00 | 1953 | May 20 | 6,010 | 17.10 |
| 1929 | Mar. 20 | 18,000 | 24.80 | 1943 | Mar. 11 | 3,730 | 12.50 | 1954 | Oct. 01 | 6,700 | 18.00 |
| 1930 | Oct. 07 | 12,200 | 21.90 | 1944 | Mar. 11 | 18,500 | 25.50 | 1964 | May 05 | 15,000 | 24.97c |
| 1931 | Aug. 21 | 2,760 | 9.60c | 1945 | July 27 | 10,600 | 21.40 | 1979 | Mar. 01 | 17,000 | 25.83c |
| 1938 | Nov. 21 | 1,380 | 6.10 | 1946 | Mar. 21 | 6,860 | 18.20 | 1984 | Mar. 09 | 30,500 | 29.52c |
| 1939 | Mar. 05 | 12,800 | 22.60 | 1947 | Apr. 22 | 9,960 | 21.00 | 1986 | Feb. 13 | 39,000 | 30.79c |
| 1940 | Feb. 25 | 3,450 | 11.00 | 1948 | Apr. 04 | 52,000 | 31.70 | 1989 | July 27 | 4,460 | 14.30 |
| 1941 | Mar. 29 | 2,320 | 8.30 | 1949 | Apr. 19 | 5,660 | 16.60 | 1990 | Jan. 15 | 8,420 | 20.33 |

## 02318600 OKAPILCO CREEK NEAR BERLIN, GEORGIA

LOCATION.--Lat 31°02'48", long 83°37'02", Colquitt County, on county road, 1 mi south of Berlin.
DRAINAGE AREA.--101 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 170 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,800 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 9 ft and 900 $ft^3/s$.
HISTORICAL DATA.--The April 1961 flood stage based on information furnished by local resident. The flood of 1965 is thought to be the highest since 1948, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Apr. 16 | 7,200 | 13.20c | 1970 | Aug. 28 | 1,440 | 9.18 | 1978 | May 06 | 1,550 | 9.83 |
| 1963 | Dec. 26 | 2,150 | 10.43 | 1971 | May 02 | 2,730 | 10.94 | 1979 | Feb. 07 | 2,640 | 10.87 |
| 1964 | May 02 | 2,620 | 10.85 | 1972 | Jan. 14 | 2,430 | 10.69 | 1980 | Mar. 13 | 2,310 | 10.59 |
| 1965 | Dec. 05 | 7,500 | 13.32 | 1973 | Apr. 26 | 4,190 | 11.86 | 1981 | Apr. 03 | 860 | 8.85 |
| 1966 | Mar. 04 | 2,100 | 10.40 | 1974 | Apr. 06 | 1,160 | 9.33 | 1982 | Feb. 05 | 1,030 | 9.13 |
| 1967 | Jan. 04 | 1,410 | 9.66 | 1975 | Apr. 11 | 5,040 | 12.29 | 1983 | Mar. 07 | 3,120 | 11.20 |
| 1968 | Mar. 12 | 308 | 6.82 | 1976 | May 24 | 5,210 | 12.37 | 1984 | Mar. 06 | 7,890 | 13.43 |
| 1969 | Mar. 19 | 1,050 | 9.17 | 1977 | Mar. 08 | 1,550 | 9.83 | 1986 | Feb. 11 | 6,720 | 13.04c |

## 02318700 OKAPILCO CREEK NEAR QUITMAN, GEORGIA

LOCATION.--Lat 30°49'32", long 83°33'45", Brooks County, at downstream side of bridge on State Highway 33, 3.0 mi north of Quitman.
DRAINAGE AREA.--269 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 110 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 11,200 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--Flood stage of Feburary 1986 from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1980 | Mar. 15 | 4,100 | 13.45 | 1984 | Mar. 07 | 11,800 | 16.68 | 1988 | Feb. 22 | 5,480 | 14.20 |
| 1981 | Apr. 03 | 840 | 10.54 | 1985 | Sept. 01 | 2,310 | 12.37 | 1989 | July 25 | 2,280 | 12.34 |
| 1982 | Feb. 07 | 1,380 | 11.47 | 1986 | Feb. 12 | 18,500 | 18.75 | 1990 | Feb. 22 | 1,510 | 11.62 |
| 1983 | Mar. 09 | 6,500 | 14.38 | 1987 | Feb. 24 | 2,550 | 12.55 | | | | |

## 02318725 OKAPILCO CREEK AT QUITMAN, GEORGIA
(formerly published as "Okapilco Creek near Quitman")

LOCATION.--Lat 30°47'10", long 83°31'33", Brooks County, at U.S. Highways 84 and 221 and State Highway 38, 1.8 mi east of Quitman.
DRAINAGE AREA.--278 $mi^2$.
GAGE.--Crest-stage gage. Prior to Sept. 18, 1973 at same site at different datum. Datum of gage is about 94 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,700 $ft^3/s$, and extended above on the basis of information obtained at Okapilco Creek at State Highway 33 near Quitman (02318700).
REMARKS.--Peak discharges are estimated for 1982 and 1985.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1970 | May 30 | 1,440 | 10.80 | 1979 | Feb. 28 | 4,900 | 13.45 | 1983 | Mar. 09 | 5,240 | 13.62 |
| 1971 | May 03 | 2,600 | 12.00 | 1980 | Mar. 15 | 3,590 | 12.66 | 1984 | Mar. 08 | 12,000 | 16.16 |
| 1972 | Jan. 14 | 2,900 | 12.20 | 1981 | Apr. 05 | 792 | 9.73 | 1985 | Sept. 01 | 2,350 | -- |
| 1973 | Apr. 26 | 6,200 | 14.10 | 1982 | Feb. 08 | 1,400 | -- | 1986 | Feb. 12 | 19,000 | 18.36 |
| 1978 | Mar. 12 | 2,030 | 11.43 | | | | | | | | |

## 02326200 AUCILLA RIVER NEAR BOSTON, GEORGIA

LOCATION.--Lat 30°46'44", long 83°48'12", Thomas County, at bridge on State Highway 133, 1.2 mi south of Boston.
DRAINAGE AREA.--81 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 97.08 ft above sea level (levels from the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,700 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 5.5 ft and 500 $ft^3/s$.
REMARKS.--Flood stage of April 1948 based on information furnished by the Georgia Department of Transportation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. 04 | 5,800 | 9.90c | 1970 | Mar. 24 | 1,280 | 6.58 | 1978 | Jan. 27 | 626 | 5.71 |
| 1962 | Apr. 01 | 1,020 | 6.44 | 1971 | Feb. 09 | 196 | 4.79 | 1979 | May 11 | 1,340 | 6.64 |
| 1963 | Jan. 22 | 334 | 5.26 | 1972 | Jan. 04 | 1,560 | 6.83 | 1980 | Mar. 14 | 1,300 | 6.60 |
| 1964 | May 03 | 3,940 | 8.96 | 1973 | Apr. 04 | 3,040 | 7.83 | 1981 | Apr. 05 | 262 | 4.98 |
| 1965 | Dec. 05 | 6,840 | 10.57 | 1974 | Apr. 06 | 260 | 4.95 | 1982 | Feb. 08 | 435 | 5.37 |
| 1966 | Mar. 04 | 1,840 | 7.07 | 1975 | Apr. 12 | 3,220 | 7.95 | 1983 | Mar. 08 | 2,500 | 7.56 |
| 1967 | July 04 | 864 | 6.08 | 1976 | May 24 | 3,720 | 8.26 | 1984 | Mar. 07 | 4,020 | 8.56 |
| 1968 | Apr. -- | 50 | --b | 1977 | Nov. 30 | 1,700 | 6.95 | 1986 | Feb. 11 | 4,450 | 8.83 |
| 1969 | Mar. 19 | 264 | 4.96 | | | | | | | | |

## 02327200 OCHLOCKONEE RIVER AT MOULTRIE, GEORGIA

LOCATION.--Lat 31°10'58", long 83°48'32", Colquitt County, at State Highway 37, at Moultrie.
DRAINAGE AREA.--96 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 246.04 ft above sea level (levels from the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,850 $ft^3/s$, and extended above on the basis of records for nearby stations and slope-conveyance studies. Bankfull stage and discharge, 7.5 ft and 1,000 $ft^3/s$.
HISTORICAL DATA.--Flood stage of 1948 from floodmarks. The flood of April 1948 is thought to be the highest based on information furnished by local residents. The 1948 flood was probably the highest since 1862, based on other stations in this area.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. -- | 11,000 | 15.50c | 1960 | Apr. 05 | 1,550 | 8.17 | 1970 | Aug. 12 | 2,160 | 8.38 |
| 1951 | Mar. 30 | 760 | 6.92 | 1961 | Apr. 16 | 3,250 | 9.50 | 1971 | Mar. 26 | 2,200 | 8.42 |
| 1952 | Dec. 29 | 1,190 | 7.71 | 1962 | Apr. 01 | 680 | 6.72 | 1972 | Feb. 04 | 1,220 | 7.35 |
| 1953 | Apr. 13 | 760 | 6.94 | 1963 | Jan. 22 | 1,030 | 7.45 | 1973 | Apr. 26 | 3,100 | 9.16 |
| 1954 | Dec. -- | 520 | 6.27 | 1964 | Mar. 05 | 1,180 | 7.72 | 1974 | Feb. 08 | 1,830 | 8.05 |
| 1955 | Apr. 15 | 680 | 6.72 | 1965 | Dec. 05 | 1,650 | 8.24 | 1975 | Apr. 11 | 3,250 | 9.16 |
| 1956 | May 06 | 900 | 7.23 | 1966 | Mar. 04 | 1,300 | 7.87 | 1976 | May 17 | 1,370 | 7.54 |
| 1957 | Sept. 30 | 850 | 7.12 | 1967 | Jan. 04 | 885 | 7.17 | 1977 | Nov. 30 | 800 | 6.73 |
| 1958 | Apr. 10 | 950 | 7.33 | 1968 | May 00 | 273 | --b | 1984 | Mar. 07 | 4,000 | 10.14c |
| 1959 | Mar. 07 | 2,800 | 9.19 | 1969 | Sept. 22 | 1,320 | 7.48 | 1986 | Feb. 12 | 5,000 | 11.14c |

## 02327350 OCHLOCKONEE RIVER TRIBUTARY NEAR COOLIDGE, GEORGIA

LOCATION.--Lat 31°01'33", long 83°57'32", Thomas County, at culvert on State Highway 202, 5.5 mi west of Coolidge.
DRAINAGE AREA.--1.81 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to April 30, 1975; crest-stage gage thereafter. Datum of gage is about 200 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 113 $ft^3/s$, and extended above on the basis of culvert computation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Dec. 04 | 789 | 6.14 | 1974 | Apr. 05 | 83 | 1.49 | 1983 | Mar. 06 | 215 | 2.50 |
| 1966 | Mar. 04 | 143 | 2.00 | 1975 | Apr. 10 | 186 | 2.31 | 1984 | Jan. 24 | 534 | 4.35 |
| 1967 | July 10 | 270 | 2.86 | 1976 | May 16 | 276 | 2.90 | 1985 | Aug. 29 | 377 | 3.50 |
| 1968 | July 11 | 36 | 0.99 | 1977 | Mar. 08 | 80 | 1.46 | 1986 | Feb. 11 | 694 | 5.26 |
| 1969 | Mar. 18 | 65 | 1.31 | 1978 | May 30 | 125 | 1.86 | 1987 | Mar. 01 | 140 | 2.02 |
| 1970 | Mar. 28 | 63 | 1.29 | 1979 | July 13 | 214 | 2.49 | 1988 | Mar. 05 | 235 | 2.63 |
| 1971 | Mar. 26 | 268 | 2.85 | 1980 | Apr. 05 | 328 | 3.22 | 1989 | July 20 | 210 | 2.52 |
| 1972 | Dec. 20 | 451 | 3.91 | 1981 | Apr. 03 | 124 | 1.85 | 1990 | Jan. 01 | 100 | 1.70 |
| 1973 | May 26 | 393 | 3.59 | 1982 | Feb. 03 | 162 | 2.14 | | | | |

## 02327355 OCHLOCKONEE RIVER NEAR COOLIDGE, GEORGIA

LOCATION.--Lat 31°00'08", long 83°56'21", Thomas County, at State Highway 188, 4 mi west of Coolidge.
DRAINAGE AREA.--260 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 166.86 ft above sea level (levels from the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 12,600 $ft^3/s$. Bankfull stage and discharge, 11 ft and 1,800 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1981 | Apr. 06 | 1,040 | 9.23 | 1985 | Aug. 30 | 4,280 | 13.99 | 1988 | Feb. 24 | 5,740 | 14.72 |
| 1982 | Apr. 28 | 2,080 | 12.32 | 1986 | Feb. 11 | 10,800 | 16.67 | 1989 | July 20 | 2,380 | 12.36 |
| 1983 | Feb. 15 | 3,740 | 13.73 | 1987 | Dec. 12 | 2,670 | 13.18 | 1990 | Jan. 09 | 3,250 | 13.19 |
| 1984 | Mar. 07 | 13,100 | 17.28 | | | | | | | | |

## 02327400 SALLYS BRANCH TRIBUTARY NEAR SALE CITY, GEORGIA

LOCATION.--Lat 31°14'46", long 84°01'40", Mitchell County, at culvert on State Highway 93, 1.2 mi south of Sale City.
DRAINAGE AREA.--3.70 $mi^2$.
GAGE.--Flood-stage recorder prior to Nov. 3, 1967; flood-stage/rainfall recorder thereafter. Datum of gage is about 295 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 227 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | Feb. 28 | 290 | 4.53 | 1970 | Mar. 22 | 110 | 3.58 | 1974 | Feb. 07 | 376 | 5.18 |
| 1967 | June 23 | 724 | 5.83 | 1971 | Mar. 26 | 360 | 5.15 | 1975 | Apr. 10 | 460 | 5.35 |
| 1968 | June 22 | 191 | 3.94 | 1972 | June 25 | 800 | 5.92 | 1984 | Mar. 06 | 1,200 | 6.64c |
| 1969 | Mar. 18 | 152 | 3.68 | 1973 | Apr. 26 | 764 | 5.88 | | | | |

## 02327415 LITTLE OCHLOCKONEE RIVER NEAR MOULTRIE, GEORGIA

LOCATION.--Lat 31°07'02", long 83°58'42", Colquitt County, at State Highway 111, 10 mi west of Moultrie.
DRAINAGE AREA.--44.8 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 218.65 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,570 $ft^3/s$, and extended above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1981 | Apr. 04 | 418 | 6.06 | 1985 | July 06 | 1,360 | 7.58 | 1988 | Mar. 05 | 2,280 | 8.41 |
| 1982 | Apr. 26 | 1,110 | 7.29 | 1986 | Feb. 11 | 5,860 | 10.22 | 1989 | July 20 | 1,030 | 7.19 |
| 1983 | Feb. 14 | 1,560 | 7.78 | 1987 | Mar. 01 | 1,180 | 7.38 | 1990 | Jan. 08 | 1,050 | 7.21 |
| 1984 | Mar. 06 | 5,020 | 9.91 | | | | | | | | |

## 02327500 OCHLOCKONEE RIVER NEAR THOMASVILLE, GEORGIA

LOCATION.--Lat 30°52'32", long 84°02'44", Thomas County, on downstream side of bridge on U.S. Highway 84, 2 mi upstream from Seaboard Coast Line Railroad bridge, 4 mi upstream from Barnetts Creek, 5 mi northwest of Thomasville, and 6 mi downstream from Little Ochlockonee River.
DRAINAGE AREA.--550 $mi^2$, approximately.
GAGE.--Nonrecording prior to Jan. 7, 1947; water-stage recorder Jan. 7, 1947, to June 30, 1971; crest-stage gage thereafter. Datum of gage is 133.6 ft above sea level (from U.S. Coast and Geodetic Survey benchmark), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 24,300 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 9 ft and 1,200 $ft^3/s$.
HISTORICAL DATA.--Flood of April 1948 was reported to be the highest based on information furnished by local residents. The 1948 flood was the highest since 1862, based on other stations in this area.
REMARKS.--Peak discharges for 1949 and 1973 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1937 | Sept. 21 | 9,090 | 17.60 | 1951 | Apr. 02 | 2,660 | 13.20 | 1965 | Dec. 05 | 19,000 | 20.40 |
| 1938 | Nov. 15 | 1,430 | 9.30 | 1952 | Mar. 27 | 3,080 | 13.80 | 1966 | Mar. 06 | 6,620 | 16.01 |
| 1939 | Mar. 03 | 3,240 | 14.00 | 1953 | Apr. 14 | 5,140 | 15.60 | 1967 | Jan. 05 | 5,030 | 15.02 |
| 1940 | Feb. 21 | 1,820 | 10.70 | 1954 | Dec. 09 | 3,520 | 14.30 | 1968 | Mar. 16 | 1,350 | 10.17 |
| 1941 | Mar. 10 | 1,730 | 10.40 | 1955 | Apr. 18 | 1,810 | 11.20 | 1969 | Mar. 22 | 3,590 | 13.84 |
| 1942 | Jan. 05 | 9,900 | 17.80 | 1956 | May 09 | 4,280 | 15.00 | 1970 | Mar. 25 | 4,390 | 14.53 |
| 1943 | Mar. 09 | 4,040 | 14.80 | 1957 | June 11 | 3,820 | 14.60 | 1971 | Mar. 28 | 8,750 | 17.10 |
| 1944 | Mar. 08 | 9,900 | 17.80 | 1958 | Apr. 11 | 8,650 | 17.40 | 1972 | Jan. 14 | 6,960 | 16.20 |
| 1945 | July 12 | 4,680 | 15.30 | 1959 | Mar. 07 | 13,900 | 19.30 | 1973 | May 31 | 16,000 | -- |
| 1946 | May 22 | 5,480 | 15.80 | 1960 | Apr. 04 | 10,000 | 18.00 | 1975 | Apr. 12 | 20,100 | 20.70 |
| 1947 | Apr. 17 | 7,920 | 17.00 | 1961 | Apr. 17 | 19,200 | 20.80 | 1984 | Mar. 08 | 24,000 | 22.80c |
| 1948 | Apr. 02 | 66,000 | 29.10 | 1962 | Apr. 03 | 4,980 | 15.50 | 1986 | Feb. 12 | 22,500 | 21.99c |
| 1949 | Apr. 14 | 3,700 | -- | 1963 | Jan. 23 | 5,140 | 15.60 | 1990 | Jan. 11 | 6,430 | 15.90c |
| 1950 | Mar. 17 | 2,090 | 11.90 | 1964 | May 03 | 14,800 | 18.80 | | | | |

## 02327550 BARNETTS CREEK NEAR MEIGS, GEORGIA

LOCATION.--Lat 31°01'32", long 84°08'14", Grady County, at State Highway 111, 4.2 mi southwest of Meigs.
DRAINAGE AREA.--15 $mi^2$.
GAGE.--Crest-stage gage prior to Mar. 14, 1968; flood-stage/rainfall recorder from Mar. 14, 1968 to 1975; crest-stage gage thereafter. Datum of gage is about 230 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,160 $ft^3/s$, and extended above on the basis of contracted-opening measurement at 3,620 $ft^3/s$.
HISTORICAL DATA.--Flood of December 1964 was the highest since 1948, based on records at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Dec. 04 | 3,620 | 7.38 | 1972 | Dec. 20 | 3,290 | 7.18 | 1981 | Feb. 11 | 375 | 4.09 |
| 1966 | Mar. 01 | 508 | 4.40 | 1973 | May 27 | 1,040 | 5.25 | 1982 | Apr. 26 | 262 | 3.79 |
| 1967 | July 26 | 286 | 3.86 | 1974 | Feb. 08 | 504 | 4.39 | 1983 | Feb. 14 | 1,130 | 5.36 |
| 1968 | Feb. -- | 94 | --b | 1975 | Apr. 10 | 1,590 | 5.87 | 1984 | Mar. 06 | 3,980 | 7.59 |
| 1969 | Sept. 22 | 170 | 3.47 | 1978 | May 08 | 1,530 | 5.80 | 1985 | Aug. 29 | 1,160 | 5.39 |
| 1970 | Mar. 28 | 743 | 4.82 | 1979 | Aug. 31 | 1,550 | 5.82 | 1986 | Feb. 11 | 2,270 | 6.48 |
| 1971 | Apr. 30 | 1,330 | 5.58 | 1980 | Apr. 05 | 718 | 4.78 | 1987 | June 24 | 530 | 4.44 |

## 02327700 BARNETTS CREEK NEAR THOMASVILLE, GEORGIA

LOCATION.--Lat 30°54'18", long 84°04'34", Grady County, at county road, 7.5 mi northwest of Thomasville.
DRAINAGE AREA.--104 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 152.0 ft above sea level (levels from the U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 13,300 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 11 ft and 1,000 $ft^3/s$.
HISTORICAL DATA.--Flood of December 1964 was the highest since 1948, based on records at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 30 | 1,150 | 11.30 | 1961 | Apr. 16 | 8,460 | 16.60 | 1971 | May 01 | 2,800 | 13.51 |
| 1952 | Sept. 22 | 1,050 | 11.10 | 1962 | Apr. 01 | 3,580 | 14.08 | 1972 | Dec. 21 | 5,800 | 14.80 |
| 1953 | Apr. 07 | 1,940 | 12.70 | 1963 | Jan. 21 | 2,360 | 13.11 | 1973 | Apr. 26 | 7,600 | 15.91 |
| 1954 | Dec. 27 | 1,940 | 12.70 | 1964 | May 03 | 14,100 | 19.04 | 1974 | Feb. 08 | 3,600 | 13.29 |
| 1955 | Apr. -- | 850 | 10.50 | 1965 | Dec. 05 | 17,700 | 20.40 | 1975 | Apr. 11 | 8,560 | 16.28 |
| 1956 | May 09 | 1,100 | 11.20 | 1966 | Mar. 04 | 1,410 | 11.82 | 1976 | May 26 | 1,840 | 11.99 |
| 1957 | June 27 | 2,200 | 13.00 | 1967 | July 04 | 4,500 | 14.61 | 1977 | Mar. 10 | 1,490 | 11.60 |
| 1958 | Apr. 10 | 3,800 | 14.40 | 1968 | Mar. -- | 300 | --b | 1984 | Mar. 07 | 15,200 | 19.46c |
| 1959 | Mar. 06 | 8,880 | 16.80 | 1969 | Sept. 22 | 680 | 10.36 | 1986 | Feb. 12 | 8,060 | 16.38c |
| 1960 | Apr. 04 | 5,000 | 15.00 | 1970 | Mar. 23 | 1,520 | 12.03 | | | | |

## 02327810 OCHLOCKNONEE RIVER NEAR CAIRO, GEORGIA

LOCATION.--Lat 30°47'30", long 84°09'16", Grady County, at State Highway 93, 5 mi south of Cairo.
DRAINAGE AREA.--747 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 108.53 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 22,300 $ft^3/s$, and extended above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1970 | Apr. 02 | 4,710 | 20.82 | 1976 | May 27 | 8,710 | 22.84 | 1982 | Feb. 15 | 4,080 | 20.33 |
| 1971 | Mar. 29 | 9,190 | 23.01 | 1977 | Mar. 12 | 7,730 | 22.48 | 1983 | Feb. 19 | 7,830 | 22.52 |
| 1972 | Feb. 07 | 5,980 | 21.68 | 1978 | May 09 | 5,820 | 21.59 | 1984 | Mar. 08 | 33,000 | 29.31 |
| 1973 | June 01 | 17,500 | 25.80 | 1979 | Feb. 28 | 8,680 | 22.83 | 1985 | Aug. 31 | 8,740 | 22.85 |
| 1974 | Feb. 09 | 7,880 | 22.54 | 1980 | Mar. 16 | 9,160 | 23.00 | 1986 | Feb. 13 | 37,400 | 30.07 |
| 1975 | Apr. 12 | 23,400 | 27.32 | 1981 | Apr. 07 | 2,700 | 18.63 | 1987 | Mar. 09 | 5,580 | 21.44 |

## 02327860 POPPLE BRANCH NEAR WHIGHAM, GEORGIA

LOCATION.--Lat 30°55'36", long 84°20'18", Grady County, at culvert on State Highway 179, 3.2 mi north of Whigham.
DRAINAGE AREA.--171 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 245 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | July 30 | 133 | 2.64 | 1982 | Mar. 26 | 253 | 3.97 | 1987 | Aug. 15 | 127 | 2.56 |
| 1978 | Aug. 22 | 112 | 2.37 | 1983 | June 25 | 180 | 3.22 | 1988 | Mar. 04 | 169 | 3.08 |
| 1979 | May 24 | 128 | 2.57 | 1984 | Mar. 06 | 444 | 5.65 | 1989 | June 20 | 146 | 2.82 |
| 1980 | Apr. 05 | 191 | 3.35 | 1985 | Nov. 04 | 452 | 5.72 | 1990 | Mar. 17 | 83 | 2.02 |
| 1981 | Apr. 03 | 128 | 2.58 | 1986 | Feb. 11 | 609 | 6.92 | | | | |

## 2327900 WOLF CREEK NEAR WHIGHAM, GEORGIA

LOCATION.--Lat 30°53'36", long 84°17'26", Grady County, at U.S. Highway 84, 2.2 mi northeast of Whigham.
DRAINAGE AREA.--19 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is about 180 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,700 $ft^3/s$, and extended above on the basis of correlation of discharges with nearby station. Undefined change in stage-discharge relation between 1958 and 1965.
HISTORICAL DATA.--Flood stage of April 1948 based on information furnished by local resident. Flood of April 1948 was highest since 1862, based on records at nearby stations.
REMARKS.--Peak discharges for 1959-60, 1962, 1964-65, 1969, and 1972-74 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. -- | 11,000 | 15.00c | 1960 | Sept. 26 | 1,800 | 7.47 | 1969 | Sept. 21 | 1,500 | 7.56 |
| 1951 | Mar. 19 | 1,000 | 7.21 | 1961 | Apr. 16 | 1,110 | 6.79 | 1970 | Feb. 03 | 1,100 | 7.03 |
| 1952 | Nov. 15 | 640 | 6.72 | 1962 | Apr. 01 | 2,200 | 8.25 | 1971 | Mar. 26 | 353 | 6.01 |
| 1953 | Apr. 06 | 920 | 7.11 | 1963 | Jan. 21 | 994 | 6.71 | 1972 | Dec. 21 | 900 | 6.85 |
| 1954 | Dec. 06 | 840 | 7.04 | 1964 | May 02 | 3,200 | 9.32 | 1973 | Apr. 26 | 2,400 | 8.59 |
| 1955 | Sept. 09 | 920 | 7.07 | 1965 | Dec. 04 | 4,300 | 10.07 | 1974 | June 10 | 1,400 | 7.49 |
| 1956 | May 07 | 410 | 6.29 | 1966 | Mar. 04 | 1,260 | 6.90 | 1975 | Jan. 13 | 2,300 | 8.43 |
| 1957 | Sept. 29 | 240 | 5.85 | 1967 | June 05 | 740 | 6.53 | 1976 | May 26 | 1,100 | 7.04 |
| 1958 | Apr. 15 | 1,650 | 7.90 | 1968 | Sept. 00 | 100 | --b | 1977 | Nov. 30 | 800 | 6.74 |
| 1959 | Mar. 06 | 2,100 | 8.23 | | | | | | | | |

## 02328000 TIRED CREEK NEAR CAIRO, GEORGIA

LOCATION.--Lat 30°51'54", long 84°15'46", Grady County, 140 ft upstream from highway bridge, and 3 mi west of Cairo.
DRAINAGE AREA.--60 $mi^2$, approximately.
GAGE.--Water-stage recorder prior to June 30, 1971; crest-stage gage thereafter. Datum of gage is 159.0 ft above sea level, supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 10,200 $ft^3/s$, and extended above on the basis of contracted-opening measurement at 18,200 $ft^3/s$ and slope-area measurement at 28,100 $ft^3/s$. Bankfull stage and discharge, 6.0 ft and 500 $ft^3/s$.
HISTORICAL DATA.--Flood of 1948 was reported to be the highest in memory of residents of the area. The 1948 flood was the highest since 1862, based on records at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1944 | Mar. 07 | 4,640 | 9.20 | 1957 | Sept. 30 | 662 | 6.23 | 1970 | Aug. 11 | 2,800 | 8.22 |
| 1945 | Apr. 23 | 3,100 | 8.30 | 1958 | Apr. 15 | 2,820 | 8.05 | 1971 | Mar. 27 | 1,220 | 7.10 |
| 1946 | Mar. 17 | 7,310 | 10.50 | 1959 | Mar. 06 | 5,010 | 9.40 | 1972 | June 23 | 2,130 | 7.80 |
| 1947 | Apr. 16 | 2,940 | 8.20 | 1960 | Apr. 02 | 4,010 | 8.83 | 1973 | Apr. 26 | 6,400 | 10.09 |
| 1948 | Apr. 01 | 28,100 | 16.30 | 1961 | Apr. 13 | 1,620 | 7.28 | 1974 | June 10 | 2,060 | 7.75 |
| 1949 | Apr. 12 | 1,850 | 7.38 | 1962 | Mar. 31 | 5,390 | 9.60 | 1975 | Jan. 13 | 5,830 | 9.82 |
| 1950 | July 07 | 1,730 | 7.30 | 1963 | Jan. 21 | 2,280 | 7.80 | 1976 | May 26 | 1,920 | 7.66 |
| 1951 | Mar. 19 | 1,670 | 7.27 | 1964 | May 02 | 12,400 | 13.00 | 1977 | Mar. 10 | 1,650 | 7.46 |
| 1952 | Nov. 16 | 928 | 6.57 | 1965 | Dec. 04 | 18,200 | 14.60 | 1978 | Mar. 10 | 1,840 | 7.60 |
| 1953 | Apr. 07 | 1,940 | 7.53 | 1966 | Mar. 05 | 1,560 | 7.39 | 1979 | Feb. 26 | 8,400 | 11.00 |
| 1954 | Dec. 07 | 1,370 | 7.08 | 1967 | Jan. 03 | 982 | 6.84 | 1984 | Mar. 06 | 12,000 | 12.82c |
| 1955 | Sept. 02 | 836 | 6.47 | 1968 | May 30 | 122 | 4.16 | 1986 | Feb. 11 | 10,900 | 12.02c |
| 1956 | July 16 | 630 | 6.30 | 1969 | Sept. 21 | 2,940 | 8.30 | | | | |

## 02330450 CHATTAHOOCHEE RIVER AT HELEN, GEORGIA

LOCATION.--Lat 34°42'03", long 83°43'44", White County, on downstream side of bridge on State Highways 17 and 75, 1.1 mi downstream from Smith Creek, at Helen, and at mile 421.6.
DRAINAGE AREA.--44.7 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 1,404.04 ft above sea level (from U.S. Army Corps of Engineers benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,820 $ft^3/s$, and extended above on the basis of straight-line extension.
HISTORICAL DATA.--Peak discharges of August 1967 estimated from floodmarks and contracted-opening computation discharge of 11,000 $ft^3/s$ at highway bridge, 2 mi downstream at a drainage area of 48.2 $mi^2$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1967 | Aug. 23 | 10,500 | --c | 1984 | Mar. 20 | 1,410 | 3.69 | 1988 | Jan. 20 | 1,420 | 3.71 |
| 1981 | May 27 | 1,280 | 3.50 | 1985 | Aug. 17 | 755 | 2.51 | 1989 | June 20 | 1,170 | 3.29 |
| 1982 | Feb. 03 | 1,750 | 4.19 | 1986 | Feb. 28 | 1,520 | 3.87 | 1990 | Mar. 17 | 3,850 | 5.94 |
| 1983 | Feb. 02 | 3,260 | 5.54 | 1987 | Feb. 28 | 1,520 | 3.87 | | | | |

## 02331000 CHATTAHOOCHEE RIVER NEAR LEAF, GEORGIA

LOCATION.--Lat 34°34'37", long 83°38'09", Habersham County, 700 ft upstream from bridge on State Highway 115, 1.5 mi east of Leaf, and 7.5 mi southwest of Cleveland, and at mile 405.6.
DRAINAGE AREA.--150 $mi^2$.
GAGE.--Water-stage recorder prior to June 30, 1971; crest-stage gage thereafter. Datum of gage is 1,219.47 ft above sea level, (from U.S. Geological Survey benchmark), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 11,000 $ft^3/s$, and extended above on the basis of slope-area measurement at 22,500 $ft^3/s$. Bankfull stage and discharge, 10.0 ft and 8,400 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1940 | Aug. 13 | 11,200 | 11.80 | 1957 | Apr. 05 | 5,460 | 7.80 | 1974 | Dec. 31 | 5,780 | 8.06 |
| 1941 | July 05 | 2,680 | 5.28 | 1958 | Nov. 19 | 4,740 | 7.20 | 1975 | Mar. 15 | 6,220 | 8.40 |
| 1942 | Feb. 16 | 9,450 | 10.70 | 1959 | May 31 | 5,700 | 8.00 | 1976 | May 15 | 9,220 | 10.55 |
| 1943 | Dec. 29 | 5,830 | 8.06 | 1960 | Mar. 30 | 4,500 | 7.00 | 1977 | Mar. 30 | 8,780 | 10.26 |
| 1944 | Mar. 19 | 7,560 | 9.40 | 1961 | Feb. 25 | 7,700 | 9.50 | 1978 | Jan. 25 | 7,290 | 9.21 |
| 1945 | Sept. 14 | 2,680 | 5.30 | 1962 | Dec. 12 | 11,600 | 12.05 | 1979 | Mar. 04 | 7,930 | 9.66 |
| 1946 | Jan. 07 | 14,100 | 13.60 | 1963 | Mar. 12 | 16,200 | 14.80 | 1980 | Mar. 21 | 6,940 | 8.95 |
| 1947 | Jan. 20 | 8,120 | 9.80 | 1964 | Jan. 25 | 8,550 | 10.13 | 1981 | May 27 | 3,130 | 5.75 |
| 1948 | Aug. 04 | 6,350 | 8.50 | 1965 | Oct. 04 | 9,900 | 11.01 | 1982 | Feb. 03 | 7,310 | 9.22 |
| 1949 | June 16 | 12,100 | 12.40 | 1966 | Feb. 13 | 12,400 | 12.56 | 1983 | Feb. 02 | 6,920 | 8.94 |
| 1950 | Mar. 13 | 5,700 | 8.00 | 1967 | Aug. 23 | 17,500 | 15.44 | 1984 | May 08 | 5,730 | 8.02 |
| 1951 | Mar. 29 | 3,620 | 6.20 | 1968 | Mar. 12 | 7,640 | 9.46 | 1985 | Feb. 02 | 1,980 | 4.55 |
| 1952 | Mar. 11 | 13,800 | 13.40 | 1969 | Feb. 03 | 6,820 | 8.86 | 1986 | Nov. 30 | 2,050 | 4.62 |
| 1953 | July 22 | 8,120 | 9.80 | 1970 | June 03 | 2,250 | 4.84 | 1987 | Nov. 26 | 5,600 | 7.93 |
| 1954 | Jan. 16 | 10,200 | 11.20 | 1971 | Jan. 04 | 3,150 | 5.74 | 1988 | Jan. 20 | 5,300 | 7.68 |
| 1955 | Feb. 06 | 9,300 | 10.60 | 1972 | May 14 | 6,670 | 8.75 | 1989 | Feb. 28 | 2,180 | 4.77 |
| 1956 | Apr. 16 | 6,480 | 8.60 | 1973 | May 28 | 22,500 | 17.50 | 1990 | Mar. 17 | 8,920 | 10.36 |

## 02331500 SOQUE RIVER NEAR DEMOREST, GEORGIA

LOCATION.--Lat 34°34'23", long 83°35'27", Habersham County, 300 ft upstream from bridge on State Highway 105, 2.5 mi west of Demorest, 3 mi downstream from Habersham Mill Dam, and 3 mi upstream from mouth.
DRAINAGE AREA.--156 $mi^2$.
GAGE.--Nonrecording gage prior to May 30, 1929; water-stage recorder, May 30, 1929, to Dec. 5, 1931, and Mar. 27, 1940 to Dec. 31, 1951; crest-stage gage thereafter. Datum of gage is 1,152.16 ft above sea level, (from U.S. Coast and Geodetic Survey benchmark), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 12,000 $ft^3/s$, and extended above on the basis of slope-area measurement at 21,000 $ft^3/s$. Bankfull stage and discharge, 10 ft and 9,200 $ft^3/s$.
HISTORICL DATA.--Flood of June 1949 was the highest in the memory of residents of the area.
REMARKS.--Peak discharge for 1960 is estimated. Peak stage of July 1938 and June 1949 from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1905 | June 30 | 11,000 | 18.90 | 1943 | Apr. 19 | 4,010 | 9.40 | 1955 | Feb. 06 | 6,520 | 13.10 |
| 1906 | Aug. 18 | 9,500 | 17.00 | 1944 | Mar. 19 | 5,820 | 12.10 | 1956 | Apr. 14 | 3,940 | 9.30 |
| 1907 | Oct. 03 | 3,150 | 8.00 | 1945 | Sept. 16 | 2,650 | 7.10 | 1957 | Apr. 04 | 3,940 | 9.30 |
| 1908 | Apr. 25 | 5,610 | 11.80 | 1946 | Jan. 07 | 13,500 | 21.80 | 1958 | July 08 | 3,390 | 8.40 |
| 1929 | Sept. 26 | 8,020 | 15.10 | 1947 | Jan. 20 | 6,310 | 12.80 | 1959 | May 31 | 4,080 | 9.50 |
| 1930 | Mar. 07 | 2,880 | 7.50 | 1948 | July 12 | 5,190 | 11.20 | 1960 | Mar. -- | 3,200 | -- |
| 1931 | Nov. 16 | 1,630 | 5.30 | 1949 | June 16 | 21,000 | 28.50 | 1961 | Feb. 25 | 5,820 | 12.10 |
| 1932 | Dec. 14 | 5,310 | 10.70 | 1950 | June 08 | 3,150 | 8.00 | 1962 | Dec. 12 | 8,320 | 15.54 |
| 1938 | July 21 | 14,400 | 22.80c | 1951 | Oct. 20 | 3,040 | 7.90 | 1963 | Mar. 13 | 12,200 | 20.27 |
| 1940 | Aug. 13 | 11,900 | 20.00 | 1952 | Mar. 11 | 6,600 | 13.20 | 1964 | Mar. 26 | 6,900 | 13.57 |
| 1941 | July 07 | 3,450 | 8.50 | 1953 | July 22 | 6,450 | 13.00 | 1965 | Oct. 05 | 4,400 | 10.02 |
| 1942 | Feb. 16 | 6,820 | 13.50 | 1954 | Jan. 16 | 7,120 | 14.00 | 1973 | May 28 | 11,900 | 19.95c |

## 02331600 CHATTAHOOCHEE RIVER NEAR CORNELIA, GEORGIA

LOCATION.--Lat 34°32'27", long 83°37'14", White County, on downstream side of Duncan Bridge, 1 mi downstream from Soque River, 6 mi northwest of Cornelia, and at mile 401.4
DRAINAGE AREA.--315 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 1,128.53 ft above sea level, (levels by U.S. Army Corps of Engineeers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 17,000 $ft^3/s$, and extended above on the basis of contracted-opening measurement at 26,400 $ft^3/s$. Bankfull stage and discharge, 16 ft and 17,500 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | Nov. 19 | 8,000 | 8.64 | 1969 | Feb. 03 | 10,300 | 10.72 | 1980 | Mar. 17 | 14,500 | 12.11 |
| 1959 | May 31 | 9,840 | 10.12 | 1970 | Nov. 02 | 3,380 | 4.40 | 1981 | May 27 | 4,400 | 4.92 |
| 1960 | Feb. 05 | 6,200 | 7.00 | 1971 | July 31 | 6,400 | 7.33 | 1982 | Feb. 03 | 14,500 | 12.12 |
| 1961 | Feb. 25 | 12,900 | 12.87 | 1972 | May 14 | 10,500 | 10.90 | 1983 | Feb. 02 | 13,300 | 11.33 |
| 1962 | Dec. 12 | 17,800 | 16.20 | 1973 | May 28 | 25,800 | 20.30 | 1984 | Dec. 04 | 10,100 | 9.26 |
| 1963 | Mar. 12 | 26,400 | 20.55 | 1974 | Dec. 31 | 9,840 | 10.37 | 1985 | Feb. 02 | 4,120 | 4.70 |
| 1964 | Jan. 25 | 14,500 | 14.00 | 1975 | Mar. 14 | 10,900 | 10.85 | 1986 | Nov. 30 | 3,240 | 3.95 |
| 1965 | Oct. 04 | 11,500 | 11.75 | 1976 | May 29 | 21,100 | 17.95 | 1987 | Nov. 26 | 12,700 | 10.99 |
| 1966 | Mar. 04 | 17,700 | 16.10 | 1977 | Mar. 30 | 19,300 | 15.36 | 1988 | Jan. 20 | 9,270 | 8.68 |
| 1967 | Aug. 23 | 22,000 | 18.83 | 1978 | Jan. 25 | 14,400 | 12.04 | 1989 | June 20 | 9,360 | 8.74 |
| 1968 | Mar. 12 | 10,700 | 11.12 | 1979 | Apr. 13 | 17,600 | 14.19 | 1990 | Mar. 17 | 18,900 | 15.07 |

## 02333000 CHATTAHOOCHEE RIVER NEAR GAINESVILLE, GEORGIA

LOCATION.--Lat 34°19'17", long 83°52'46", Hall County, on right bank 1,100 ft upstream from State Highway 53, 0.5 mi upstream from Eddie Creek, 3.5 mi downstream from Little River, 4 mi northwest of Gainesville, and 6 mi upstream from Chestatee River, and at mile 368.8.
DRAINAGE AREA.--559 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 974.98 ft above sea level, supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 40,000 $ft^3/s$ have been obtained, but stage-discharge relation is not well defined due to changes in the channel and rate of change of stage effect.
HISTORICAL DATA.--The flood of January 1946 was the highest since 1880, based on information furnished by local resident.
REMARKS.--Site is inundated by Lake Sidney Laner after January 1956.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | July 22 | 38,000 | 18.10 | 1944 | Mar. 20 | 21,200 | 15.60 | 1950 | Mar. 14 | 9,600 | 11.00 |
| 1939 | Aug. 18 | 13,500 | 12.50 | 1945 | Sept. 17 | 8,910 | 9.20 | 1951 | Oct. 20 | 7,850 | 9.50 |
| 1940 | Aug. 14 | 30,500 | 18.70 | 1946 | Jan. 07 | 45,800 | 26.20 | 1952 | Mar. 11 | 25,000 | 20.50 |
| 1941 | July 15 | 9,150 | 9.50 | 1947 | Jan. 20 | 20,100 | 17.90 | 1953 | July 23 | 12,200 | 12.90 |
| 1942 | Feb. 17 | 23,300 | 16.40 | 1948 | Aug. 04 | 17,800 | 16.60 | 1954 | Jan. 17 | 21,400 | 18.80 |
| 1943 | Dec. 30 | 13,000 | 12.00 | 1949 | June 17 | 24,600 | 20.30 | 1955 | Feb. 07 | 21,400 | 18.60 |

## 02333500 CHESTATEE RIVER NEAR DAHLONEGA, GEORGIA

LOCATION.--Lat 34°31'41", long 83°56'23", Lumpkin County, on left bank 250 ft upstream from Bearden Bridge on State Highway 52, 2 mi downstream from Ballplay Creek, 2.5 mi east of Dahlonega, and 3.5 mi upstream from Yahoola Creek.
DRAINAGE AREA.--153 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 1,128.6 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,000 $ft^3/s$ for period 1929-32. Defined by current-meter measurements below 18,000 $ft^3/s$ thereafter, and extended above on the basis of straight-line extension. The construction of new bridge and fill 250 ft below gage in 1938 caused considerable change in the stage-discharge relation at the gage. Bankfull stage and discharge, 15 ft and 9,500 $ft^3/s$.
HISTORICAL DATA.--The flood of 1967 was the highest since 1907, based on information furnished by local resident.
REMARKS.--Failure of Gorge Dam upstream increased the flood peak of 1907, based on information furnished by local resident.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1907 | Aug. 12 | 22,000 | 25.00c | 1954 | Jan. 16 | 10,200 | 17.60 | 1973 | May 28 | 20,300 | 23.60 |
| 1929 | Sept. 25 | 7,300 | 12.60 | 1955 | Feb. 06 | 8,330 | 15.70 | 1974 | Dec. 31 | 4,940 | 9.93 |
| 1930 | Mar. 07 | 5,450 | 10.30 | 1956 | Apr. 16 | 4,840 | 10.90 | 1975 | Mar. 14 | 5,110 | 10.14 |
| 1931 | Nov. 16 | 2,650 | 6.60 | 1957 | Apr. 05 | 5,320 | 11.70 | 1976 | May 15 | 11,500 | 16.56 |
| 1932 | Dec. 14 | 9,000 | 14.60 | 1958 | Dec. 20 | 2,920 | 7.50 | 1977 | Mar. 30 | 11,700 | 16.88 |
| 1940 | Aug. 13 | 9,950 | 17.40 | 1959 | Jan. 22 | 4,300 | 10.00 | 1978 | Jan. 26 | 7,280 | 12.38 |
| 1941 | July 14 | 3,320 | 9.90 | 1960 | Mar. 30 | 3,360 | 8.30 | 1979 | Apr. 13 | 8,440 | 13.69 |
| 1942 | Feb. 17 | 10,500 | 17.90 | 1961 | Feb. 25 | 8,600 | 16.00 | 1980 | Mar. 17 | 9,210 | 14.41 |
| 1943 | Dec. 29 | 4,510 | 11.60 | 1962 | Dec. 12 | 12,500 | 19.73 | 1981 | May 27 | 4,230 | 8.60 |
| 1944 | Mar. 19 | 6,770 | 14.30 | 1963 | Mar. 12 | 21,700 | 24.53 | 1982 | Feb. 03 | 9,100 | 14.31 |
| 1945 | Sept. 16 | 2,980 | 9.10 | 1964 | Jan. 25 | 9,330 | 14.70 | 1983 | Dec. 05 | 5,460 | 10.20 |
| 1946 | Jan. 07 | 15,300 | 22.10 | 1965 | Oct. 04 | 8,000 | 13.34 | 1984 | May 08 | 5,740 | 10.54 |
| 1947 | Jan. 20 | 8,150 | 15.60 | 1966 | Feb. 13 | 15,800 | 20.34 | 1985 | Feb. 02 | 2,280 | 5.65 |
| 1948 | Aug. 04 | 8,150 | 15.60 | 1967 | Aug. 23 | 22,700 | 25.17 | 1986 | Nov. 30 | 2,110 | 5.36 |
| 1949 | Jan. 05 | 9,450 | 16.90 | 1968 | Mar. 12 | 10,500 | 15.79 | 1987 | Feb. 28 | 5,430 | 10.16 |
| 1950 | Mar. 13 | 4,370 | 11.10 | 1969 | Aug. 22 | 10,100 | 15.51 | 1988 | Jan. 20 | 5,320 | 10.03 |
| 1951 | Mar. 29 | 2,400 | 7.40 | 1970 | Dec. 31 | 1,960 | 5.52 | 1989 | June 20 | 4,160 | 8.51 |
| 1952 | Mar. 11 | 13,800 | 20.80 | 1971 | Jan. 05 | 2,680 | 6.72 | 1990 | Mar. 17 | 11,600 | 16.76 |
| 1953 | July 22 | 3,860 | 10.30 | 1972 | Dec. 07 | 4,580 | 9.52 | | | | |

## 02334430 CHATTAHOOCHEE RIVER AT BUFORD DAM NEAR BUFORD, GEORGIA

LOCATION.--Lat 34°09'25", long 84°04'44", Gwinnett-Forsyth County line, on right bank 1,200 ft downstream from Buford Dam, 4 mi northwest of Buford, and at mile 348.1.
DRAINAGE AREA.--1,040 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 912.04 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 10,300 $ft^3/s$ and extended above on the basis of straight-line extension.
REMARKS.--Peak discharges regulated by Lake Sidney Lanier (maximum flood-control storage, 637,000 acre-ft) since January 1956.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1972 | Oct. 22 | 9,670 | 7.88 | 1979 | Nov. 02 | 11,000 | 7.41 | 1985 | Sept. 24 | 9,290 | 6.06 |
| 1973 | Oct. 10 | 9,620 | 7.76 | 1980 | May 23 | 10,800 | 6.92 | 1986 | July 28 | 10,000 | 6.00 |
| 1974 | Oct. 25 | 8,760 | 7.05 | 1981 | Sept. 29 | 9,510 | 6.13 | 1987 | Sept. 25 | 11,100 | 5.91 |
| 1975 | Sept. 04 | 9,970 | 7.30 | 1982 | Nov. 24 | 10,400 | 6.78 | 1988 | Oct. 29 | 11,200 | 5.95 |
| 1976 | June 29 | 9,970 | 7.30 | 1983 | Feb. 16 | 9,330 | 6.08 | 1989 | Jan. 18 | 11,000 | 5.89 |
| 1977 | July 21 | 9,760 | 7.13 | 1984 | Nov. 02 | 9,290 | 6.06 | 1990 | Sept. 05 | 10,300 | 5.55 |
| 1978 | Feb. 08 | 10,400 | 7.02 | | | | | | | | |

## 02334500 CHATTAHOOCHEE RIVER NEAR BUFORD, GEORGIA

LOCATION.--Lat 34°07'34", long 84°05'37", Gwinnett County, at bridge on State Highway 20, 0.8 mi upstream from Dave Creek, 3.2 mi downstream from Buford Dam, 4 mi downstream from Bald Ridge Creek, 5 mi west of Buford, and at mile 345.8.
DRAINAGE AREA.--1,060 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 905.20 ft above sea level (levels by the U.S. Army Corps of Engineers), supplementary adjustment of 1936. Jan. 28, 1942 to Dec. 3, 1944, nonrecording gage and Dec. 4, 1944 to Dec. 31, 1947, water-stage recorder at site 1,000 ft downstream at same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 28,000 $ft^3/s$ for period 1942-55. Defined by current-meter measurements below 11,000 $ft^3/s$ for period 1956-71.
HISTORICAL DATA.--The flood of Janaury 1946 was the highest since 1880, based on information at nearby stations.
REMARKS.--Peak discharges regulated by Lake Sidney Lanier (maximum flood-control storage, 637,000 acre-ft) since January 1956.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1942 | Feb. 18 | 21,400 | 23.00 | 1953 | Jan. 10 | 16,200 | 19.90 | 1963 | Nov. 21 | 11,400 | 15.20 |
| 1943 | Dec. 30 | 19,100 | 21.90 | 1954 | Jan. 17 | 28,900 | 25.90 | 1964 | Apr. 06 | 10,600 | 14.54 |
| 1944 | Mar. 29 | 19,900 | 22.30 | 1955 | Feb. 08 | 17,500 | 20.60 | 1965 | Oct. 16 | 9,990 | 13.99 |
| 1945 | Sept. 17 | 10,400 | 15.40 | 1956 | Apr. 17 | 5,400 | 10.30 | 1966 | Sept. 08 | 8,580 | 12.82 |
| 1946 | Jan. 08 | 55,000 | 32.60 | 1957 | Apr. 05 | 6,760 | 11.70 | 1967 | Aug. 14 | 9,540 | 12.40 |
| 1947 | Jan. 21 | 29,800 | 25.40 | 1958 | Feb. 13 | 11,100 | 15.70 | 1968 | Sept. 26 | 10,100 | 12.64 |
| 1948 | Aug. 05 | 22,900 | 22.90 | 1959 | July 16 | 9,300 | 14.00 | 1969 | Oct. 02 | 9,980 | 12.27 |
| 1949 | Jan. 06 | 28,200 | 25.60 | 1960 | June 10 | 9,100 | 13.80 | 1970 | Sept. 22 | 9,640 | 12.03 |
| 1950 | Mar. 14 | 13,700 | 18.20 | 1961 | Aug. 11 | 9,760 | 13.80 | 1971 | Aug. 13 | 8,890 | 11.89 |
| 1951 | Oct. 21 | 10,800 | 15.80 | 1962 | Apr. 16 | 10,100 | 14.10 | 1972 | Oct. 22 | 9,670 | 13.59 |
| 1952 | Mar. 12 | 34,100 | 27.70 | | | | | | | | |

02334885 SUWANEE CREEK NEAR SUWANEE, GEORGIA

LOCATION.--Lat 34°01'56", long 84°05'22", Gwinnett County, on upstream side of right bank pier of bridge on State Highway 13, 0.2 mi upstream from Bennett Creek, 2.4 mi southwest of Suwanee, and 3.1 mi upstream from mouth.
DRAINAGE AREA.--46.8 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 909.71 ft above sea level (from U.S. Coast and Geodetic Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,760 $ft^3/s$, and extended above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1985 | July 30 | 1,440 | 9.39 | 1987 | Nov. 26 | 2,150 | 10.41 | 1989 | June 21 | 1,220 | 9.01 |
| 1986 | Dec. 13 | 386 | 5.97 | 1988 | Jan. 20 | 948 | 8.45 | 1990 | Mar. 17 | 3,760 | 11.42 |

## 02335000 CHATTAHOOCHEE RIVER NEAR NORCROSS, GEORGIA

LOCATION.--Lat 33°59'50", long 84°12'07", Gwinnett-Fulton County line, on downstream side of right bank pier of bridge on State Highway 141, 1.5 mi upstream from John Creek, 4.5 mi north of Norcross, 6.5 mi downstream from Suwanee Creek, 18 mi downstream from Buford Dam, and at mile 330.8.

DRAINAGE AREA.--1,170 $mi^2$, approximately.

GAGE.--Water-stage recorder. Datum of gage is 878.14 ft above sea level (levels by the U.S. Army Corps of Engineers). Prior to July 13, 1955, nonrecording gage at site 500 ft downstream at same datum. July 14, 1955, to Mar. 11, 1957, nonrecording gage at present site and datum.

STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 36,000 $ft^3/s$, and extended above on the basis of flow over Morgan Falls Dam at 56,000 $ft^3/s$. Bankfull stage and discharge, 11 ft and 10,000 $ft^3/s$.

HISTORICAL DATA.--Flood of January 1946 was the highest since 1880, based on information from local residents. Flood of 1886, based on information from local residents.

REMARKS.--Peak discharges regulated by Lake Sidney Lanier (maximum flood-control storage, 637,000 acre-ft) since January 1956. Peak discharges for 1907 is maximum daily.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | Apr. -- | 40,000 | 23.40C | 1932 | Dec. 16 | 19,500 | 14.70 | 1962 | Apr. 12 | 9,500 | 11.00 |
| 1903 | Mar. 24 | 32,500 | 20.60 | 1933 | Dec. 29 | 32,100 | 20.00 | 1963 | Nov. 22 | 11,000 | 12.05 |
| 1904 | Aug. 09 | 14,300 | 11.20 | 1934 | Mar. 05 | 31,800 | 19.90 | 1964 | Apr. 05 | 13,200 | 13.10 |
| 1905 | Jan. 13 | 16,100 | 12.20 | 1935 | Oct. 07 | 17,200 | 13.60 | 1965 | Apr. 02 | 9,760 | 10.84 |
| 1906 | Jan. 04 | 24,300 | 16.40 | 1936 | Apr. 07 | 38,400 | 22.20 | 1966 | Apr. 28 | 9,500 | 10.67 |
| 1907 | Oct. 03 | 13,900 | 11.00 | 1937 | Jan. 04 | 27,200 | 18.10 | 1967 | June 06 | 8,800 | 10.20 |
| 1908 | Apr. 26 | 20,400 | 14.30 | 1938 | July 23 | 17,800 | 13.90 | 1968 | Jan. 10 | 10,500 | 11.30 |
| 1909 | Mar. 14 | 22,000 | 16.00 | 1939 | Aug. 19 | 14,800 | 12.40 | 1969 | Sept. 23 | 8,530 | 10.02 |
| 1910 | May 09 | 12,400 | 10.70 | 1940 | Aug. 15 | 22,500 | 18.00 | 1970 | Dec. 02 | 8,650 | 10.10 |
| 1911 | Apr. 06 | 14,000 | 12.20 | 1941 | July 06 | 9,340 | 10.70 | 1971 | Oct. 14 | 9,300 | 10.53 |
| 1912 | Mar. 16 | 30,500 | 19.30 | 1942 | Feb. 18 | 20,600 | 17.30 | 1972 | Jan. 10 | 9,430 | 10.62 |
| 1913 | Mar. 15 | 16,000 | 13.40 | 1943 | Dec. 31 | 15,500 | 14.80 | 1973 | Mar. 16 | 12,200 | 12.47 |
| 1914 | Apr. 15 | 11,300 | 10.50 | 1944 | Mar. 30 | 22,500 | 18.00 | 1974 | Apr. 05 | 9,260 | 10.30 |
| 1915 | Dec. 05 | 18,400 | 14.80 | 1945 | Apr. 26 | 9,460 | 10.80 | 1975 | May 07 | 11,200 | 11.48 |
| 1916 | Dec. 30 | 36,200 | 21.40 | 1946 | Jan. 08 | 55,000 | 27.70 | 1976 | May 28 | 11,100 | 11.49 |
| 1917 | Mar. 25 | 24,200 | 16.90 | 1947 | Jan. 21 | 28,900 | 20.10 | 1977 | Mar. 30 | 10,500 | 11.09 |
| 1918 | Jan. 29 | 10,800 | 10.40 | 1948 | Aug. 06 | 16,600 | 15.40 | 1978 | Feb. 09 | 10,400 | 11.03 |
| 1919 | Dec. 23 | 35,900 | 21.30 | 1949 | Jan. 07 | 29,200 | 20.20 | 1979 | Apr. 13 | 10,600 | 11.66 |
| 1920 | Dec. 10 | 54,700 | 27.10 | 1950 | Mar. 14 | 11,000 | 12.00 | 1980 | May 23 | 10,500 | 11.59 |
| 1921 | Feb. 10 | 33,300 | 20.40 | 1951 | Oct. 21 | 10,500 | 11.60 | 1981 | Sept. 28 | 8,500 | 9.92 |
| 1922 | Mar. 11 | 14,000 | 12.40 | 1952 | Mar. 12 | 35,000 | 22.00 | 1982 | Sept. 13 | 8,280 | 9.73 |
| 1923 | Dec. 18 | 18,600 | 14.60 | 1953 | Jan. 11 | 15,800 | 15.00 | 1983 | Apr. 06 | 9,440 | 10.71 |
| 1924 | Apr. 19 | 11,400 | 10.50 | 1954 | Jan. 17 | 28,600 | 20.00 | 1984 | May 02 | 10,000 | 11.19 |
| 1925 | Jan. 19 | 16,800 | 13.40 | 1955 | Feb. 09 | 17,300 | 15.80 | 1985 | Sept. 23 | 9,260 | 10.56 |
| 1926 | Jan. 19 | 19,700 | 14.80 | 1956 | Apr. 19 | 5,120 | 6.90 | 1986 | July 31 | 9,380 | 10.66 |
| 1927 | Feb. 14 | 11,400 | 10.50 | 1957 | Apr. 05 | 8,580 | 10.10 | 1987 | July 17 | 8,820 | 10.19 |
| 1928 | Aug. 17 | 15,600 | 12.80 | 1958 | Feb. 13 | 8,970 | 10.00 | 1988 | Oct. 02 | 8,210 | 9.69 |
| 1929 | Sept. 27 | 31,100 | 19.60 | 1959 | June 20 | 7,890 | 9.60 | 1989 | Aug. 01 | 9,010 | 10.35 |
| 1930 | Mar. 08 | 16,000 | 13.00 | 1960 | Apr. 06 | 9,710 | 10.20 | 1990 | Mar. 17 | 11,000 | 11.99 |
| 1931 | Nov. 17 | 10,600 | 9.70 | 1961 | Feb. 21 | 8,950 | 10.88 | | | | |

## 02335450 CHATTAHOOCHEE RIVER ABOVE ROSWELL, GEORGIA

LOCATION.--Lat 33°59'09", long 84°18'58", Fulton County, on right bank at Eves Road, 3.3 mi upstream from Big Creek, 3.6 mi southeast of Roswell, and at mile 320.6.
DRAINAGE AREA.--1,220 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 858.01 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 9,980 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--Peak discharges regulated by Lake Sidney Lanier (maximum flood-control storage, 637,000 acre-ft) since January 1956.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Mar. 30 | 11,800 | 8.88 | 1982 | Feb. 03 | 10,600 | 8.64 | 1987 | Sept. 08 | 8,640 | 7.74 |
| 1978 | Jan. 25 | 10,800 | 8.45 | 1983 | Apr. 08 | 9,700 | 8.29 | 1988 | Oct. 02 | 7,340 | 7.16 |
| 1979 | Apr. 13 | 13,800 | 9.75 | 1984 | Dec. 06 | 11,500 | 8.98 | 1989 | Aug. 02 | 8,810 | 7.81 |
| 1980 | May 24 | 10,600 | 8.63 | 1985 | Sept. 24 | 8,750 | 7.88 | 1990 | Mar. 17 | 14,500 | 9.89 |
| 1981 | Sept. 29 | 8,020 | 7.57 | 1986 | Aug. 01 | 8,480 | 7.67 | | | | |

## 02335500 CHATTAHOOCHEE RIVER NEAR ROSWELL, GEORGIA

LOCATION.--Lat 34°00'20", long 84°19'53", Fulton County, on right bank 1.5 mi upstream from Big Creek and bridge on U.S. Highway 19, 2 mi southeast of Roswell, and at mile 318.8.
DRAINAGE AREA.--1,230 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 849.50 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 30,000 $ft^3/s$, and extended above on the basis of flow over Morgan Falls Dam at 56,000 $ft^3/s$. Bankfull stage and discharge, 13 ft and 15,000 $ft^3/s$.
HISTORICAL DATA.--Flood of January 1946 was the highest since 1880, based on information at nearby stations.
REMARKS.--Peak discharges regulated by Lake Sidney Lanier (maximum flood-control storage, 637,000 acre-ft) since January 1956.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1942 | Feb. 18 | 19,800 | 15.10 | 1949 | Jan. 07 | 28,800 | 17.90 | 1955 | Feb. 09 | 18,000 | 14.20 |
| 1943 | Dec. 31 | 17,000 | 14.00 | 1950 | Mar. 15 | 13,000 | 12.00 | 1956 | Mar. 16 | 6,940 | 8.30 |
| 1944 | Mar. 30 | 22,200 | 15.90 | 1951 | Oct. 21 | 10,900 | 10.80 | 1957 | Apr. 05 | 11,400 | 11.10 |
| 1945 | Apr. 26 | 10,400 | 10.60 | 1952 | Mar. 13 | 33,700 | 19.20 | 1958 | Feb. 13 | 7,670 | 8.80 |
| 1946 | Jan. 08 | 56,000 | 23.40 | 1953 | Jan. 11 | 17,400 | 14.00 | 1959 | June 18 | 8,200 | 8.00 |
| 1947 | Jan. 22 | 28,400 | 17.80 | 1954 | Jan. 18 | 28,100 | 17.70 | 1960 | Apr. 06 | 8,520 | 8.20 |
| 1948 | Aug. 06 | 18,800 | 14.40 | | | | | | | | |

## 02335700 BIG CREEK NEAR ALPHARETTA, GEORGIA

LOCATION.--Lat 34°03'02", long 84°16'10", Fulton County, on left bank at downstream side of Kimball Bridge Road, 2.6 mi southeast of Alpharetta, and 9.4 mi upstream from mouth.
DRAINAGE AREA.--72 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 960.80 ft above sea level (levels by the U.S. Soil Conservation Service).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,100 $ft^3/s$. Bankfull stage and discharge, 7 ft and 650 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 21 | 5,800 | 12.54 | 1971 | Mar. 04 | 820 | 7.89 | 1981 | Feb. 19 | 823 | 7.87 |
| 1962 | Dec. 13 | 4,700 | 11.97 | 1972 | Jan. 11 | 2,430 | 10.78 | 1982 | Feb. 03 | 6,100 | 13.05 |
| 1963 | Apr. 30 | 2,860 | 10.77 | 1973 | Mar. 17 | 1,740 | 9.82 | 1983 | Apr. 09 | 1,150 | 9.08 |
| 1964 | Mar. 26 | 4,140 | 11.82 | 1974 | Jan. 01 | 2,510 | 10.81 | 1984 | Dec. 06 | 4,880 | 12.30 |
| 1965 | Jan. 23 | 684 | 7.17 | 1975 | Mar. 14 | 1,940 | 10.14 | 1985 | Feb. 02 | 817 | 7.61 |
| 1966 | Mar. 05 | 3,240 | 11.26 | 1976 | Mar. 31 | 2,620 | 10.80 | 1986 | Sept. 04 | 379 | 5.22 |
| 1967 | Aug. 25 | 1,280 | 9.22 | 1977 | Mar. 30 | 5,080 | 12.20 | 1987 | Mar. 01 | 2,410 | 10.49 |
| 1968 | Jan. 11 | 1,580 | 9.73 | 1978 | Nov. 06 | 1,890 | 10.15 | 1988 | Sept. 13 | 2,080 | 10.10 |
| 1969 | Aug. 23 | 1,740 | 9.92 | 1979 | Apr. 14 | 4,220 | 11.65 | 1989 | June 23 | 652 | 6.72 |
| 1970 | Mar. 21 | 879 | 8.03 | 1980 | Mar. 09 | 2,640 | 10.62 | 1990 | Mar. 17 | 5,820 | 12.81 |

## 02335870 SOPE CREEK NEAR MARIETTA, GEORGIA

LOCATION.--Lat 33°57'14", long 84°26'36", Cobb County, on downstream side of bridge on Lower Roswell road, 0.3 mi downstream from Bishop Creek, and 2.6 mi upstream from mouth.
DRAINAGE AREA.--29.2 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 881.37 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,910 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--Flood stage of March 1977 and February 1982 from flood marks, and the peak dischrges for these floods are unknown. Peak flows are affected by urbanization to an unknown degree.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Mar. 30 | -- | 21.10c | 1986 | May 28 | 1,370 | 9.48 | 1989 | Sept. 30 | 6,630 | 16.22 |
| 1982 | Feb. 04 | -- | 20.00c | 1987 | Oct. 25 | 3,270 | 12.01 | 1990 | Mar. 16 | 5,730 | 15.27 |
| 1985 | Aug. 17 | 2,140 | 10.61 | 1988 | Jan. 20 | 1,820 | 10.21 | | | | |

APALACHICOLA RIVER BASIN

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GEORGIA

LOCATION.--Lat 33°51'33", long 84°27'16", Fulton County, on left bank 20 ft upstream from Paces Ferry Bridge at Atlanta, 1 mi downstream from Rottenwood Creek, 2.5 mi upstream from Peachtree Creek, and at mile 303.0.
DRAINAGE AREA.--1,450 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 750.10 ft above sea level (from city of Atlanta benchmark), supplementary adjustment of 1936. Aug. 3, 1928 to Dec. 31, 1931, water-stage recorder, and Nov. 15, 1936, to Mar. 8, 1937, nonrecording gage at same site and datum. Since June 1967, auxiliary water-stage recorder at bridge on U.S. Highway 41, 0.8 mi upstream. Prior to October 1951 published as "near Vinings".
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 51,000 $ft^3/s$, and extended above on the basis of straight-line extension. Stage-discharge relation is affected by return of overbank storage and backwater from Peachtree Creek. Bankfull stage and discharge, 15 ft and about 14,000 $ft^3/s$.
HISTORICAL DATA.--Flood of December 1919 was highest since 1880, based on records for nearby gaging stations. Flood stage for peak of December 1919 obtained from floodmark at city of Atlanta sewage disposal plant, 4 mi downstream, and stage relation between the two sites.
REMARKS.--Peak discharges regulated by Lake Sidney Lanier (maximum flood-control storage, 637,00 acre-ft) since January 1956.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1920 | Dec. 10 | 64,000 | 29.00c | 1952 | Mar. 13 | 34,400 | 21.70 | 1972 | Jan. 11 | 17,500 | 17.74 |
| 1929 | Sept. 28 | 28,700 | 18.80 | 1953 | Jan. 11 | 18,000 | 14.30 | 1973 | Mar. 17 | 16,800 | 16.43 |
| 1930 | Mar. 09 | 16,800 | 12.00 | 1954 | Jan. 18 | 27,400 | 19.30 | 1974 | Jan. 01 | 14,100 | 15.51 |
| 1931 | Nov. 17 | 8,900 | 7.50 | 1955 | Feb. 09 | 18,000 | 14.30 | 1975 | Mar. 13 | 18,300 | 17.36 |
| 1932 | Dec. 16 | 18,900 | 13.20 | 1956 | Mar. 16 | 15,100 | 12.10 | 1976 | Mar. 16 | 19,200 | 18.17 |
| 1937 | Jan. 04 | 25,300 | 18.10 | 1957 | Apr. 05 | 20,100 | 15.80 | 1977 | Mar. 30 | 28,900 | 20.57 |
| 1938 | July 24 | 18,300 | 14.10 | 1958 | Feb. 14 | 7,540 | 7.20 | 1978 | Jan. 26 | 15,200 | 15.84 |
| 1939 | Aug. 19 | 14,100 | 11.50 | 1959 | May 31 | 8,260 | 7.70 | 1979 | Apr. 13 | 26,700 | 22.29 |
| 1940 | Aug. 15 | 24,200 | 17.50 | 1960 | Mar. 30 | 12,400 | 10.20 | 1980 | Mar. 28 | 15,000 | 15.03 |
| 1941 | July 07 | 11,500 | 9.90 | 1961 | Feb. 25 | 24,900 | 18.30 | 1981 | Feb. 10 | 8,460 | 9.53a |
| 1942 | Feb. 19 | 22,100 | 16.30 | 1962 | Dec. 12 | 19,200 | 15.20 | 1982 | Feb. 03 | 24,100 | 20.66 |
| 1943 | Dec. 31 | 19,200 | 14.60 | 1963 | Apr. 30 | 17,000 | 18.19 | 1983 | Apr. 08 | 15,400 | 15.82 |
| 1944 | Mar. 31 | 23,400 | 17.60 | 1964 | Apr. 06 | 26,000 | 19.38 | 1984 | Dec. 06 | 18,100 | 16.99 |
| 1945 | Feb. 23 | 10,200 | 8.90 | 1965 | Mar. 26 | 10,700 | 9.41 | 1985 | Aug. 17 | 9,910 | 10.91 |
| 1946 | Jan. 09 | 59,000 | 28.00 | 1966 | Mar. 04 | 24,800 | 18.24 | 1986 | Aug. 01 | 6,870 | 7.33 |
| 1947 | Jan. 22 | 29,800 | 20.20 | 1967 | Aug. 24 | 11,900 | 10.20 | 1987 | Jan. 19 | 17,300 | 13.72 |
| 1948 | Aug. 06 | 18,200 | 14.50 | 1968 | Jan. 11 | 11,000 | 11.90 | 1988 | Feb. 04 | 9,920 | 9.48 |
| 1949 | Nov. 28 | 34,400 | 21.70 | 1969 | Apr. 19 | 11,000 | 15.06 | 1989 | July 17 | 12,500 | 11.82 |
| 1950 | Mar. 15 | 13,900 | 11.20 | 1970 | Mar. 20 | 8,400 | 13.28 | 1990 | Mar. 17 | 25,100 | 23.03 |
| 1951 | Oct. 21 | 11,400 | 9.50 | 1971 | Mar. 03 | 13,700 | 11.28 | | | | |

## 02336080 NORTH FORK PEACTHREE CREEK NEAR CHAMBLEE, GEORGIA

LOCATION.--Lat 33°51'43", long 84°17'13", DeKalb County, at culvert on Shallowford Road near Chamblee.
DRAINAGE AREA.--19.10 $mi^2$.
GAGE.--Flood-stage/rainfall recorder, Sept. 6, 1973 to Oct. 20, 1980; crest-stage gage 1982 to 1988. Datum of gage is 854.30 ft above sea level (levels from the U.S. Army Corps of Engineers benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,360 $ft^3/s$, and extended above on basis of culvert computations.
HISTORICAL DATA.--The flood of March 1975 is thought to be the highest since 1948, based on information at nearby stations.
REMARKS.--Peak stages prior to September 1973 are from floodmarks. Peak discharges for 1986-88 undetermined because of debris in culvert. Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 2,120 | 11.30c | 1975 | Mar. 13 | 3,050 | 15.27 | 1983 | Apr. 08 | 2,400 | 12.21 |
| 1963 | Apr. 30 | 2,120 | 11.30 | 1976 | Mar. 16 | 2,510 | 12.56 | 1984 | July 14 | 2,140 | 11.35 |
| 1964 | Apr. 06 | 1,780 | 10.50 | 1977 | Jan. 09 | 1,110 | 8.20 | 1985 | July 17 | 2,330 | 11.98 |
| 1966 | Feb. 13 | 1,560 | 9.70 | 1978 | Jan. 25 | 1,760 | 10.37 | 1986 | Mar. 13 | -- | 11.76 |
| 1967 | July 08 | 1,200 | 7.30 | 1979 | Apr. 13 | 2,190 | 11.49 | 1987 | Jan. 18 | -- | 12.18 |
| 1969 | Apr. 18 | 2,250 | 11.70c | 1980 | May 23 | 2,570 | 12.86 | 1988 | Jan. 20 | -- | 11.13 |
| 1973 | June 05 | 2,540 | 12.70 | 1981 | Feb. 11 | 978 | 7.76 | 1990 | Mar. 17 | 2,180 | 11.48c |
| 1974 | Aug. 07 | 2,300 | 11.85 | 1982 | Feb. 03 | 2,160 | 11.40 | | | | |

## 02336090 NORTH FORK PEACTHREE CREEK TRIBUTARY NEAR CHAMBLEE, GEORGIA

LOCATION.--Lat 33°50'53", long 84°17'57", DeKalb County, at culvert on Meadowcliff Drive near Chamblee.
DRAINAGE AREA.--0.32 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Oct. 3, 1980. Crest-stage gage 1981 to present.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 25.0 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1973 | June 05 | 179 | 7.75 | 1979 | Aug. 31 | 197 | 8.37 | 1985 | July 28 | 142 | 6.44 |
| 1974 | Aug. 07 | 89 | 4.77 | 1980 | May 23 | 343 | 11.13 | 1986 | Oct. 01 | 53 | 3.75 |
| 1975 | July 20 | 216 | 9.09 | 1981 | Mar. 30 | 39 | 3.30 | 1987 | Jan. 18 | 128 | 5.98 |
| 1976 | May 28 | 148 | 6.66 | 1982 | June 22 | 110 | 5.41 | 1988 | Jan. 20 | 57 | 3.86 |
| 1977 | Jan. 09 | 29 | 2.98 | 1983 | Apr. 08 | 110 | 5.41 | 1989 | June 20 | 83 | 4.62 |
| 1978 | Jan. 25 | 114 | 5.53 | 1984 | May 03 | 233 | 9.83 | 1990 | Oct. 01 | 150 | 6.75 |

## 02336102 NORTH FORK PEACTHREE CREEK TRIBUTARY NEAR ATLANTA, GEORGIA

LOCATION.--Lat 33°51'20", long 84°19'19", DeKalb County, at culvert on Drew Valley Road, near Atlanta.
DRAINAGE AREA.--21.9 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to July 14, 1978. Crest-stage gage 1980 to present.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 45.0 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization. Peak discharge for 1988 undetermined owing to debris in culvert.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1973 | June 05 | 647 | 5.80 | 1980 | May 23 | 509 | 5.21 | 1986 | Mar. 13 | 875 | 6.85 |
| 1974 | Aug. 07 | 931 | 7.13 | 1981 | Sept. 01 | 616 | 5.67 | 1987 | Jan. 18 | 518 | 5.25 |
| 1975 | Mar. 13 | 1,110 | 8.16 | 1982 | June 22 | 790 | 6.43 | 1988 | Feb. 02 | 4.77 | -- |
| 1976 | Mar. 16 | 702 | 6.03 | 1983 | Mar. 05 | 955 | 7.25 | 1989 | July 03 | 748 | 6.24 |
| 1977 | July 01 | 334 | 4.34 | 1984 | May 03 | 861 | 6.78 | 1990 | Feb. 09 | 1,030 | 7.65 |
| 1978 | Jan. 25 | 652 | 5.82 | 1985 | July 28 | 547 | 5.38 | | | | |

## 02336150 SOUTH FORK PEACHTREE CREEK AT CLARKSTON, GEORGIA

LOCATION.--Lat 33°48'51", long 84°14'38", DeKalb County, at culvert on Montreal Road at Clarkston.
DRAINAGE AREA.--5.29 $mi^2$.
GAGE.--Crest-state gage. Datum of gage is 940.59 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2.0 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization. Peak discharges for 1964-65 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 1,450 | 9.90c | 1967 | June 03 | 1,010 | 8.30 | 1976 | Mar. 16 | 1,420 | 9.08 |
| 1963 | Apr. 30 | 1,100 | 8.64 | 1969 | Apr. 18 | 1,470 | 9.40c | 1977 | Mar. 21 | 502 | 4.91 |
| 1964 | Apr. 06 | 1,110 | 8.63 | 1973 | June 05 | 1,770 | 10.69 | 1978 | May 08 | 818 | 6.43 |
| 1965 | Jan. 23 | 480 | -- | 1974 | Dec. 31 | 847 | 6.51 | 1990 | Mar. 17 | 1,250 | 8.33c |
| 1966 | Feb. 13 | 1,320 | 9.50 | 1975 | Mar. 13 | 1,580 | 9.88 | | | | |

## 02336180 SOUTH FORK PEACHTREE CREEK NEAR DECATUR, GEORGIA

LOCATION.--Lat 33°48'20", long 84°17'52", DeKalb County, at county bridge on Willivee Drive near Decatur.
DRAINAGE AREA.--11.0 $mi^2$.
GAGE.--Crest-state gage. Datum of gage is 884.85 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,090 $ft^3/s$, and based above on the basis of straight-line extension.
REMARKS.--Flow is affected by urbanization. Peak discharges for 1962 and 1973 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 1,620 | 11.90 | 1967 | June 03 | 780 | 8.95 | 1976 | Mar. 16 | 1,630 | 11.95 |
| 1962 | Dec. 18 | 1,000 | -- | 1969 | Apr. 18 | 1,630 | 11.95c | 1977 | Mar. 21 | 616 | 8.53 |
| 1963 | Apr. 30 | 1,930 | 12.68 | 1973 | June 05 | 2,200 | -- | 1978 | May 08 | 708 | 8.89 |
| 1964 | Mar. 25 | 1,060 | 10.70 | 1974 | Dec. 31 | 965 | 10.06 | 1979 | Apr. 13 | 1,170 | 10.80 |
| 1965 | Jan. 23 | 560 | 7.65 | 1975 | Mar. 13 | 1,320 | 11.33 | 1990 | Mar. 17 | 1,450 | 11.54c |
| 1966 | Feb. 13 | 1,230 | 10.95 | | | | | | | | |

## 02336238 SOUTH FORK PEACHTREE CREEK TRIBUTARY NEAR ATLANTA, GEORGIA

LOCATION.--Lat 33°47'11", long 84°20'29", DeKalb County, at culvert on East Rock Springs Road, near Atlanta.
DRAINAGE AREA.--0.92 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Oct. 3, 1980. Crest-state gage 1981 to present.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 85 $ft^3/s$, and based above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1974 | Aug. 07 | 588 | 4.54 | 1980 | May 23 | 592 | 4.56 | 1986 | June 10 | 566 | 4.50 |
| 1975 | July 23 | 1,140 | 6.44 | 1981 | July 06 | 360 | 3.10 | 1987 | June 15 | 641 | 4.50 |
| 1976 | Mar. 16 | 486 | 3.88 | 1982 | Sept. 02 | 471 | 3.90 | 1988 | June 15 | 611 | 4.73 |
| 1977 | Aug. 26 | 416 | 3.34 | 1983 | Mar. 05 | 829 | 5.66 | 1989 | June 20 | 541 | 4.37 |
| 1978 | May 08 | 753 | 5.21 | 1984 | July 14 | 790 | 5.51 | 1990 | Mar. 17 | 579 | 4.57 |
| 1979 | Apr. 13 | 552 | 4.35 | 1985 | Oct. 22 | 554 | 4.44 | | | | |

## 02336250 SOUTH FORK PEACHTREE CREEK AT ATLANTA, GEORGIA

LOCATION.--Lat 33°48'20", long 84°21'02", Fulton County, at bridge on Lenox Road in Atlanta, 0.9 mi upstream from Seaboard Coast Line Railroad, and 2.3 mi upstream from confluence with North Fork Peachtree Creek.
DRAINAGE AREA.--29.6 $mi^2$.
GAGE.--Crest-state gage. Datum of gage is 809.25 ft above sea level (levels by the U.S. Army Corps of Engineers), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,620 $ft^3/s$, and above on the basis of straight-line extension.
HISTORICAL DATA.--The flood of 1976 is thought to be the highest since 1948, based on information at nearby stations.
REMARKS.--Flood peaks are affected by increasing urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 2,480 | 11.30c | 1967 | Aug. 23 | 1,900 | 10.20 | 1973 | June 06 | 3,300 | 12.60c |
| 1963 | Apr. 30 | 3,020 | 12.20 | 1968 | Mar. 12 | 2,240 | 10.88 | 1975 | Mar. 13 | 3,240 | 12.50c |
| 1964 | Mar. 25 | 2,660 | 11.60 | 1969 | Apr. 18 | 4,700 | 14.50 | 1976 | Mar. 16 | 5,000 | 14.71 |
| 1965 | Jan. 23 | 1,400 | 9.03 | 1970 | Mar. 19 | 3,740 | 13.40 | 1983 | Mar. 06 | 3,360 | 12.70c |
| 1966 | Feb. 13 | 2,480 | 11.30 | 1971 | Mar. 03 | 2,050 | 10.60 | 1990 | Mar. 17 | 3,000 | 11.96c |

## 02336300 PEACHTREE CREEK AT ATLANTA, GEORGIA

LOCATION.--Lat 33°49'10", long 84°24'28", Fulton County, on downstream side of bridge on Northside Drive at Atlanta, 0.4 mi downstream from Tanyard Branch, and 4 mi upstream from mouth.
DRAINAGE AREA.--86.8 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 763.96 ft above sea level (from city of Atlanta benchmark). Prior to May 27, 1963, water-stage recorder at site 1,000 ft downstream at same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 9,200 $ft^3/s$. Bankfull stage and discharge, 15 ft and 4,500 $ft^3/s$.
REMARKS.--Flood peaks are affected by increasing urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1949 | Nov. 28 | 6,880 | 18.70c | 1967 | July 29 | 5,340 | 16.48 | 1979 | Apr. 13 | 8,070 | 19.08 |
| 1956 | Mar. 16 | 6,300 | 18.36 | 1968 | Mar. 12 | 3,840 | 13.48 | 1980 | May 23 | 6,360 | 16.95 |
| 1957 | Apr. 05 | 5,670 | 16.76 | 1969 | Apr. 18 | 6,840 | 17.91 | 1981 | Feb. 11 | 4,300 | 13.88 |
| 1958 | Feb. 06 | 3,450 | 12.48 | 1970 | Mar. 19 | 6,950 | 18.31 | 1982 | Feb. 03 | 6,520 | 17.16 |
| 1959 | May 30 | 4,300 | 14.20 | 1971 | July 30 | 5,500 | 16.24 | 1983 | Apr. 08 | 7,120 | 17.97 |
| 1960 | Apr. 03 | 3,230 | 12.00 | 1972 | Jan. 10 | 5,470 | 16.24 | 1984 | May 02 | 6,420 | 17.04 |
| 1961 | Feb. 25 | 5,860 | 17.10 | 1973 | Feb. 01 | 5,930 | 16.90 | 1985 | Aug. 17 | 5,810 | 16.20 |
| 1962 | Feb. 22 | 4,650 | 14.90 | 1974 | Dec. 31 | 5,960 | 16.88 | 1986 | Oct. 01 | 3,920 | 13.27 |
| 1963 | Apr. 30 | 6,880 | 18.70 | 1975 | Mar. 13 | 8,350 | 19.41 | 1987 | Jan. 18 | 8,110 | 19.22 |
| 1964 | Apr. 06 | 5,760 | 17.30 | 1976 | Mar. 16 | 8,660 | 20.30 | 1988 | Apr. 11 | 5,300 | 15.45 |
| 1965 | Jan. 23 | 3,800 | 13.40 | 1977 | Mar. 21 | 4,030 | 13.89 | 1989 | Sept.30 | 8,310 | 19.47 |
| 1966 | Feb. 13 | 4,830 | 15.46 | 1978 | Jan. 25 | 5,460 | 16.23 | 1990 | Mar. 17 | 9,650 | 21.06 |

## 02336360 NANCY CREEK AT RICKENBACKER WAY AT ATLANTA, GEORGIA

LOCATION.--Lat 33°52'09", long 84°22'44", Fulton County, at bridge on Rickenbacker Drive at Atlanta.
DRAINAGE AREA.--26.6 $mi^2$.
GAGE.--Flood-hydrograph recorder. Datum of gage is 810.16 ft above sea level (levels by the U.S. Army Corps of Engineers benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,900 $ft^3/s$, and extended above on basis of straight-line extension.
REMARKS.--Flood peaks are affected by increasing urbanization. Peak discharges for 1961 and 1975 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 2,400 | --c | 1967 | June 03 | 1,550 | 9.45 | 1975 | Mar. 13 | 3,700 | -- |
| 1963 | Apr. 30 | 2,790 | 12.55 | 1969 | Apr. 18 | 2,600 | 12.05c | 1982 | Feb. 03 | 3,150 | 13.15c |
| 1964 | Apr. 06 | 2,900 | 12.85 | 1973 | June 05 | 4,500 | 14.84c | 1990 | Mar. 17 | 3,200 | 12.93c |
| 1966 | Feb. 13 | 1,650 | 9.75 | 1974 | Dec. 31 | 3,100 | 13.05 | | | | |

## 02336380 NANCY CREEK AT RANDALL MILL ROAD AT ATLANTA, GEORGIA

LOCATION.--Lat 33°51'35", long 84°25'28", Fulton County, on left bank downstream end of bridge on Randall Mill Road, 3.3 mi above mouth at Atlanta.
DRAINAGE AREA.--34.8 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 778.03 ft above sea level (from the U.S. Army Corps of Engineers benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,660 $ft^3/s$, and extended above on basis of straight-line extension.
REMARKS.--Flood peaks are affected by increasing urbanization. Peak discharges for 1966 and 1967 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 2[illegible] | 2,320 | 12.25c | 1967 | June 03 | 1,600 | -- | 1975 | Mar. 13 | 3,500 | 14.15 |
| 1963 | Apr. 30 | 2,700 | 13.15 | 1969 | Apr. 18 | 2,150 | 11.25c | 1982 | Feb. 03 | 2,950 | 13.55c |
| 1964 | Apr. 06 | 2,800 | 13.35 | 1973 | June 05 | 2,650 | 12.83 | 1983 | Mar. 06 | 1,200 | 8.80c |
| 1966 | Feb. 13 | 1,700 | -- | 1974 | Dec. 31 | 2,650 | 12.85 | 1990 | Mar. 17 | 3,600 | 14.77c |

## 02336490 CHATTAHOOCHEE RIVER AT STATE HIGHWAY 280 NEAR ATLANTA, GEORGIA

LOCATION.--Lat 33°49'01", long 84°28'48", Fulton-Cobb County line, at bridge on State Highway 280, 0.6 mi upstream from Southern Railway bridge, 1.7 mi downstream from Peachtree Creek near Atlanta, and at mile 298.8.
DRAINAGE AREA.--1,600 $mi^2$, approximately.
GAGE.--Water-stage recorder. Prior to March 1981, crest-stage gage at same site and datum. Datum of gage is 736.35 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 29,300 $ft^3/s$, and extended above on basis of straight-line extension.
REMARKS.--Peak discharges regulated by Lake Sidney Lanier (maximum flood-control stage 637,000 acre-ft) since January 1956.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1973 | Mar. 17 | 22,000 | 24.46 | 1979 | Apr. 13 | 32,000 | 30.71 | 1986 | Oct. 01 | 10,200 | 14.89 |
| 1974 | Jan. 01 | 22,000 | 24.45 | 1982 | Feb. 03 | 28,300 | 28.91 | 1987 | Jan. 19 | 20,800 | 23.47 |
| 1975 | Mar. 13 | 25,400 | 26.42 | 1983 | Apr. 08 | 22,500 | 24.66 | 1988 | Jan. 20 | 13,900 | 18.26 |
| 1976 | Mar. 16 | 26,800 | 27.41 | 1984 | Dec. 06 | 22,400 | 24.74 | 1989 | July 17 | 14,900 | 19.09 |
| 1977 | Mar. 30 | 25,700 | 26.77 | 1985 | Aug. 17 | 15,000 | 19.17 | 1990 | Mar. 17 | 33,300 | 31.51 |

## 02336500 CHATTAHOOCHEE RIVER AT OAKDALE, GEORGIA

LOCATION.--Lat 33°48'46", long 84°29'19", Cobb County, at Southern Railway bridge, 1 mi east of Oakdale, 1 mi upstream from Proctor Creek, 2 mi downstream from Peachtree Creek, 8 mi northwest of Atlanta, and at mile 298.1.
DRAINAGE AREA.--1,600 $mi^2$, approximately.
GAGE.--Nonrecording gage, July 1, 1898, to May 31, 1899, at site 1 mi downstream at datum 1 ft lower. Datum of gage is 739.97 ft above sea level (levels by the U.S. Army Corps of Engineers), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 24,000 $ft^3/s$.
HISTORICAL DATA.--Flood of Jan. 8, 1946, reached a stage of 29.4 at Southern Railway bridge, from information furnished by employee of Southern Railway Co. This was probably the highest flood since December 1919, based on nearby gaging-station records.
REMARKS.--Peak discharges regulated by Lake Sidney Lanier (maximum flood-control stage 637,000 acre-ft) since January 1956.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1896 | July 10 | 24,600 | 18.40 | 1900 | Feb. 14 | 28,600 | 20.70 | 1903 | Feb. 18 | 43,900 | 25.60 |
| 1897 | Apr. 06 | 21,900 | 17.00 | 1901 | Mar. 27 | 36,600 | 23.50 | 1946 | Jan. 08 | 59,000 | 29.40c |
| 1898 | Sept. 03 | 45,000 | 27.80 | 1902 | Dec. 30 | 48,800 | 27.00 | 1961 | Feb. 25 | 34,000 | 23.00c |
| 1899 | Mar. 17 | 29,400 | 24.20 | | | | | | | | |

## 02336610 NICKAJACK CREEK NEAR MABLETON, GEORGIA

LOCATION.--Lat 33°50'28", long 84°31'58", Cobb County, at bridge on Cooper Lake Road near Mableton, 5.2 mi above mouth.
DRAINAGE AREA.--20.6 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 789.79 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,200 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 3,000 | 18.20c | 1967 | Aug. 23 | 1,850 | 14.30 | 1977 | Mar. 30 | 3,750 | 21.30c |
| 1963 | Apr. 30 | 3,350 | 19.10c | 1968 | Mar. 18 | 2,150 | 15.30 | 1982 | Feb. 03 | 3,600 | 20.80c |
| 1966 | Mar. 04 | 2,900 | 17.80 | 1969 | Apr. 18 | 2,050 | 15.00 | | | | |

## 02336700 SOUTH UTOY CREEK TRIBUTARY AT EAST POINT, GEORGIA

LOCATION.--Lat 33°41'25", long 84°28'05", Fulton County, at culvert on Headland Drive at East Point.
DRAINAGE AREA.--0.79 $mi^2$.
GAGE.--Water-stage recorder prior to Sept. 30, 1969; flood-stage/rainfall recorder Feb. 17, 1973 to July 14, 1978; crest-stage gage thereafter. Datum of gage is 869.70 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter mesurements below 73 $ft^3/s$, and above based on culvert computations.
REMARKS.--Flood peaks affected by increasing urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Aug. 04 | 307 | 4.60 | 1973 | Feb. 01 | 283 | 4.36 | 1983 | Mar. 05 | 294 | 4.49 |
| 1965 | Dec. 26 | 277 | 4.30 | 1974 | Aug. 01 | 320 | 4.73 | 1984 | May 03 | 275 | 4.30 |
| 1966 | Feb. 13 | 212 | 3.65 | 1975 | May 17 | 408 | 5.77 | 1985 | July 28 | 230 | 3.83 |
| 1967 | Aug. 22 | 447 | 5.83 | 1976 | May 28 | 298 | 4.50 | 1986 | July 23 | 220 | 3.72 |
| 1968 | Dec. 19 | 413 | 5.55 | 1977 | June 22 | 184 | 3.24 | 1987 | Feb. 28 | 250 | 4.05 |
| 1969 | Apr. 18 | 371 | 5.20 | 1978 | Nov. 05 | 369 | 5.21 | 1988 | Jan. 20 | 358 | 5.13 |
| 1970 | Mar. 19 | 237 | 3.90 | 1980 | May 23 | 390 | 5.50 | 1989 | Apr. -- | 140 | --b |
| 1971 | Aug. 02 | 533 | 7.88 | 1981 | Sept. 01 | 285 | 4.37 | 1990 | Oct. 01 | 313 | 4.68 |
| 1972 | Jan. 10 | 297 | 4.50 | 1982 | Dec. 31 | 258 | 4.13 | | | | |

## 02337000 SWEETWATER CREEK NEAR AUSTELL, GEORGIA

LOCATION.--Lat 33°46'22", long 84°36'53", Douglas County, on right bank 100 ft upstream from bridge on Interstate Highway 20, 400 ft upstream from Blair Bridge, 3 mi southeast of Austell, and 5.5 mi upstream from mouth.
DRAINAGE AREA.--246 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 857.01 ft above sea level (levels by the U.S. Army Corps of Engineers). May 6, 1904, to Dec. 31, 1905, and Nov. 3 to Dec. 27 1913, nonrecording gage at site 2.5 mi upstream at different datum. Mar. 24 to Nov. 29, 1937, nonrecording gage at present site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,500 $ft^3/s$, and extended above on the basis of contracted-opeining measurement at 10,100 $ft^3/s$ prior to 1965. For period 1966-90, defined by current-meter measurements below 10,700 $ft^3/s$. There was a considerable change in higher portion of stage-discharge relation during 1965 from constuction of Interstate Highway 20 bridge, 100 ft downstream from gage. Bankfull stage and discharge, 10 ft and 3,500 $ft^3/s$.
REMARKS.--Flood stage of July 1916 based on information furnished by local resident.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1904 | Aug. 09 | 5,910 | 16.50 | 1953 | Jan. 10 | 3,130 | 9.60 | 1972 | Jan. 12 | 6,700 | 15.63 |
| 1905 | July 12 | 6,260 | 17.30 | 1954 | Jan. 17 | 3,490 | 10.40 | 1973 | Mar. 18 | 3,940 | 11.19 |
| 1916 | July 08 | 12,600 | 20.00c | 1955 | Feb. 08 | 2,680 | 8.50 | 1974 | Jan. 02 | 4,250 | 11.90 |
| 1937 | May 01 | 5,360 | 14.00 | 1956 | Mar. 16 | 3,540 | 10.50 | 1975 | Mar. 15 | 8,240 | 18.73 |
| 1938 | Apr. 09 | 6,640 | 16.20 | 1957 | Apr. 06 | 4,910 | 13.20 | 1976 | Mar. 17 | 6,280 | 15.46 |
| 1939 | Mar. 01 | 2,580 | 8.60 | 1958 | Feb. 07 | 1,910 | 6.50 | 1977 | Mar. 31 | 7,590 | 17.65 |
| 1940 | July 10 | 3,540 | 10.70 | 1959 | June 02 | 3,900 | 11.70 | 1978 | Nov. 07 | 5,480 | 14.14 |
| 1941 | July 17 | 1,630 | 6.00 | 1960 | Feb. 01 | 2,720 | 9.30 | 1979 | Apr. 14 | 7,490 | 17.48 |
| 1942 | Mar. 22 | 4,460 | 12.70 | 1961 | Feb. 26 | 10,100 | 18.20 | 1980 | Mar. 09 | 3,210 | 9.93 |
| 1943 | Mar. 22 | 5,190 | 13.70 | 1962 | Dec. 19 | 4,980 | 13.70 | 1981 | May 28 | 3,900 | 10.91 |
| 1944 | Mar. 30 | 3,390 | 10.40 | 1963 | May 01 | 4,350 | 12.80 | 1982 | Feb. 04 | 10,700 | 19.90 |
| 1945 | Apr. 25 | 2,130 | 7.40 | 1964 | Apr. 08 | 6,270 | 14.70 | 1983 | Apr. 09 | 3,530 | 10.16 |
| 1946 | Jan. 08 | 6,000 | 15.10 | 1965 | Dec. 28 | 4,160 | 12.10 | 1984 | Dec. 07 | 4,490 | 12.08 |
| 1947 | Jan. 21 | 6,110 | 15.30 | 1966 | Mar. 05 | 5,420 | 13.90 | 1985 | May 02 | 2,420 | 7.65 |
| 1948 | Feb. 10 | 3,440 | 10.30 | 1967 | Aug. 26 | 4,330 | 12.13 | 1986 | Dec. 13 | 1,200 | 4.58 |
| 1949 | Nov. 29 | 10,400 | 18.40 | 1968 | Jan. 11 | 2,490 | 8.43 | 1987 | Jan. 20 | 4,020 | 11.17 |
| 1950 | Sept.09 | 2,020 | 6.80 | 1969 | Apr. 18 | 2,760 | 8.55 | 1988 | Jan. 20 | 1,980 | 6.60 |
| 1951 | Apr. 23 | 1,950 | 6.60 | 1970 | Mar. 21 | 5,540 | 13.54 | 1989 | July 07 | 3,150 | 9.34 |
| 1952 | Dec. 22 | 4,970 | 13.30 | 1971 | Mar. 04 | 3,580 | 10.55 | 1990 | Mar. 18 | 9,950 | 19.30 |

## 02337081 CAMP CREEK AT COLLEGE PARK, GEORGIA

LOCATION.--Lat 33°39'39", long 84°27'44", Fulton County, at culvert on Park Terrace at College Park.
DRAINAGE AREA.--0.88 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is 888.00 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 32 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization. Peak discharges for 1966 and 1967 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | Apr. 30 | 390 | 6.22 | 1974 | Jan. 23 | 394 | 6.27 | 1977 | June 22 | 271 | 5.01 |
| 1966 | Feb. 13 | 360 | -- | 1975 | Jan. 10 | 340 | 5.70 | 1978 | Nov. 05 | 461 | 7.01 |
| 1967 | Mar. 10 | 550 | -- | 1976 | May 28 | 378 | 6.09 | | | | |

## 02337100 NORTH FORK CAMP CREK AT ATLANTA, GEORGIA

LOCATION.--Lat 33°39'40", long 84°30'40", Fulton County, at bridge on Redwine Road, at Atlanta.
DRAINAGE AREA.--5.25 $mi^2$.
GAGE.--Water-stage recorder prior to Sept. 30, 1969; crest-stage gage thereafter. Datum of gage is 812.00 ft above sea level (from U.S. Coast and Geodetic Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 800 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--Flood peaks may be affected by increasing amount of urbanization. Peak discharge for 1973 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | Apr. 30 | 660 | 6.80 | 1968 | Dec. 19 | 923 | 8.35 | 1973 | Feb. 01 | 1,250 | -- |
| 1964 | Apr. 06 | 774 | 7.50 | 1969 | Apr. 18 | 1,250 | 10.15 | 1974 | Aug. 01 | 1,230 | 10.82 |
| 1965 | Oct. 16 | 536 | 5.96 | 1970 | Mar. 20 | 1,070 | 9.80 | 1975 | Jan. 10 | 960 | 9.10 |
| 1966 | Feb. 13 | 830 | 7.80 | 1971 | Aug. 02 | 980 | 9.10 | 1976 | Mar. 16 | 1,140 | 10.23 |
| 1967 | Aug. 22 | 1,270 | 10.26 | 1972 | Jan. 10 | 926 | 8.90 | 1977 | July 01 | 603 | 6.18 |

## 02337170 CHATTAHOOCHEE RIVER NEAR FAIRBURN, GEORGIA

LOCATION.--Lat 33°39'24", long 84°40'25", Fulton County, at downstream end of pier of bridge on State Highways 74 and 92, 1.4 mi downstream from Deep Creek, 8.5 mi northwest of Fairburn, and at mile 281.8.
DRAINAGE AREA.--2,060 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 719.07 ft above sea level (levels by the Georgia Department of Transportaiton).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 37,000 $ft^3/s$, and above on the basis of slope-conveyance study at 75,000 $ft^3/s$. Bankfull stage and discharge, 18 ft and 19,000 $ft^3/s$.
HISTORICAL DATA.--Flood stage of December 1919 based on information provided by the Georgia Department of Transportation; and is the highest since 1886, based on information at nearby stations.
REMARKS.--Peak discharges regulated by Lake Sideny Lanier (maximum flood-control capacity, 637,000 acre-ft) since January 1956.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1920 | Dec. 10 | 75,000 | 31.60c | 1974 | Jan. 01 | 24,500 | 20.26 | 1983 | Apr. 09 | 22,300 | 19.88 |
| 1966 | Feb. 14 | 22,000 | 19.98 | 1975 | Mar. 14 | 31,800 | 23.27 | 1984 | Dec. 07 | 19,900 | 18.51 |
| 1967 | Aug. 24 | 19,300 | 18.17 | 1976 | Mar. 16 | 34,300 | 24.09 | 1985 | Feb. 06 | 13,600 | 13.88 |
| 1968 | Jan. 11 | 16,400 | 16.30 | 1977 | Mar. 31 | 27,100 | 21.70 | 1986 | Oct. 01 | 11,100 | 11.42 |
| 1969 | Apr. 18 | 22,600 | 20.40 | 1978 | Jan. 26 | 23,600 | 20.42 | 1987 | Mar. 01 | 15,800 | 15.88 |
| 1970 | Mar. 20 | 24,600 | 21.74 | 1979 | Apr. 14 | 37,500 | 25.18 | 1988 | Jan. 20 | 13,900 | 14.20 |
| 1971 | Mar. 03 | 20,500 | 19.01 | 1980 | Mar. 08 | 22,000 | 19.73 | 1989 | June 21 | 14,200 | 14.52 |
| 1972 | Jan. 11 | 32,700 | 23.56 | 1981 | Feb. 11 | 16,500 | 16.34 | 1990 | Mar. 17 | 39,200 | 25.74 |
| 1973 | Mar. 17 | 22,200 | 19.12 | 1982 | Feb. 04 | 32,300 | 23.44 | | | | |

## 02337400 DOG RIVER NEAR DOUGLASVILLE, GEORGIA

LOCATION.--Lat 33°39'36", long 84°51'41", Douglas County, at county road, 2.2 mi north of Fairplay, and 9.1 mi southwest of Douglasville.
DRAINAGE AREA.--43 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 904.8 ft above sea level (levels from the U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,730 $ft^3/s$, and above on the basis of contracted-opening measurement at 9,910 $ft^3/s$. Bankfull stage and discharge, 11 ft and 3,200 $ft^3/s$.
REMARKS.--Peak discharge for 1972 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 08 | 1,080 | 5.52 | 1961 | Feb. 25 | 9,910 | 16.15 | 1971 | Mar. 03 | 2,600 | 10.23 |
| 1952 | Dec. 21 | 4,610 | 12.81 | 1962 | Dec. 12 | 3,420 | 11.39 | 1972 | Jan. 10 | 4,500 | – |
| 1953 | Jan. 09 | 1,270 | 6.80 | 1963 | Mar. 13 | 3,430 | 11.40 | 1973 | May 28 | 2,460 | 10.32 |
| 1954 | Jan. 16 | 695 | 3.59 | 1964 | Apr. 06 | 3,720 | 11.77 | 1974 | Dec. 31 | 5,040 | 13.20 |
| 1955 | Feb. 06 | 1,090 | 5.57 | 1965 | Dec. 26 | 4,600 | 12.80 | 1975 | Mar. 14 | 6,070 | 13.98 |
| 1956 | Mar. 16 | 6,680 | 14.36 | 1966 | Feb. 13 | 3,590 | 11.61 | 1976 | Mar. 16 | 6,030 | 13.95 |
| 1957 | Apr. 05 | 4,080 | 12.23 | 1967 | Aug. 25 | 3,690 | 11.74 | 1977 | Mar. 30 | 3,450 | 11.43 |
| 1958 | Feb. 06 | 1,780 | 8.70 | 1968 | Apr. 05 | 1,190 | 6.32 | 1982 | Feb. 03 | 9,310 | 15.84c |
| 1959 | May 31 | 5,990 | 13.92 | 1969 | Apr. 18 | 1,940 | 9.11 | 1990 | Mar. 16 | 7,220 | 14.68c |
| 1960 | Apr. 03 | 1,650 | 8.32 | 1970 | Mar. 19 | 8,000 | 15.12 | | | | |

## 02337448 HURRICANE CREEK TRIBUTARY NEAR FAIRPLAY, GEORGIA

LOCATION.--Lat 33°35'03", long 84°50'54", Douglas County, at culvert on State Highway 5, 0.9 mi north of Douglas-Carroll County line, 8 mi east of Fairplay.
DRAINAGE AREA.--0.33 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 930 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4.9 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Mar. 30 | 153 | 7.06 | 1982 | Feb. 03 | 87.0 | 5.74 | 1987 | June 25 | 127 | 6.57 |
| 1978 | Nov. 05 | 292 | 9.46 | 1983 | Apr. 08 | 55.0 | 4.99 | 1988 | Jan. 20 | 29.0 | 4.24 |
| 1979 | Apr. 13 | 170 | 7.39 | 1984 | Dec. 06 | 44.0 | 4.72 | 1989 | June 20 | 45.0 | 4.72 |
| 1980 | June 24 | 91.0 | 5.82 | 1985 | -- | 5.0 | –b | 1990 | Mar. 16 | 229 | 8.37 |
| 1981 | May 27 | 42.0 | 4.68 | 1986 | -- | 5.0 | –b | | | | |

## 02337500 SNAKE CREEK NEAR WHITESBURG, GEORGIA

LOCATION.--Lat 33°31'46", long 84°55'42", Carroll County, at downstream end of left bank pier of former highway bridge at Banning Mills, 1.6 mi north of State Highway 16, 3 mi northwest of Whitesburg, 4 mi downstream from Little Snake Creek, and 7 mi upstream from mouth.
DRAINAGE AREA.--35.5 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 832.75 above sea level (levels by Global Positioning system).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,900 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--Peak discharge for 1979 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | Feb. 06 | 1,200 | 5.82 | 1967 | Nov. 10 | 3,790 | 9.98 | 1979 | Apr. 13 | 3,500 | -- |
| 1956 | Mar. 16 | 6,110 | 12.80 | 1968 | May 15 | 2,360 | 7.85 | 1980 | Apr. 13 | 2,310 | 8.10 |
| 1957 | Apr. 05 | 3,520 | 9.60 | 1969 | Apr. 18 | 4,040 | 10.35 | 1981 | May 26 | 2,190 | 7.86 |
| 1958 | Feb. 06 | 2,390 | 7.90 | 1970 | Mar. 19 | 3,610 | 9.73 | 1982 | Feb. 03 | 6,680 | 13.40 |
| 1959 | May 31 | 3,170 | 9.10 | 1971 | Mar. 03 | 2,680 | 8.75 | 1983 | Apr. 08 | 3,250 | 9.41 |
| 1960 | Apr. 03 | 2,390 | 7.90 | 1972 | May 13 | 3,070 | 9.33 | 1984 | July 31 | 3,270 | 9.44 |
| 1961 | Feb. 25 | 7,690 | 14.40 | 1973 | May 28 | 2,890 | 9.11 | 1985 | Feb. 05 | 970 | 5.14 |
| 1962 | Dec. 12 | 2,900 | 8.66 | 1974 | Dec. 31 | 6,420 | 13.12 | 1986 | Mar. 13 | 199 | 3.13 |
| 1963 | Apr. 30 | 4,630 | 11.10 | 1975 | Mar. 13 | 4,020 | 10.54 | 1987 | Jan. 18 | 2,950 | 8.99 |
| 1964 | Jan. 25 | 3,450 | 9.48 | 1976 | Jan. 26 | 4,360 | 10.88 | 1988 | Jan. 20 | 1,850 | 7.19 |
| 1965 | Jan. 23 | 2,610 | 8.24 | 1977 | Mar. 30 | 3,320 | 9.57 | 1989 | June 16 | 1,590 | 6.58 |
| 1966 | Feb. 13 | 3,600 | 9.72 | 1978 | Jan. 25 | 4,110 | 10.60 | 1990 | Mar. 16 | 5,220 | 12.37 |

## 02338000 CHATTAHOOCHEE RIVER NEAR WHITESBURG, GEORGIA

LOCATION.--Lat 33°28'37", long 84°54'04", Carroll County, at downstream end of right bank pier of bridge at on State Highway 16, 0.5 mi upstream from Central of Georgia Railroad bridge, 1.2 mi southeast of Whitesburg, 1.5 mi downstream from Cedar Creek, 2.0 mi downstream from Snake Creek, and at mile 259.8.
DRAINAGE AREA.--2,430 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 682.06 above sea level (levels by the Georgia Department of Transportation), supplementary adjustment of 1936. Prior to May 1, 1949, nonrecording gage at site 1.0 mi upstream at datum 2.00 ft higher. May 1, 1949, to June 30, 1954, nonrecording gage at present site at datum 2.00 ft higher.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 42,500 $ft^3/s$. Bankfull stage and discharge, 18 ft and 27,000 $ft^3/s$. Peak discharge for 1946 flood based on rating curve extension and velocity-area and channel capacity studies.
HISTORICAL DATA.--Flood of January 1946 was probably the highest since at least 1919, based on records for gaging station downstream at West Point.
REMARKS.--Peak discharges regulated by Lake Sidney Lanier (maximum flood-control capacity, 637,000 acre-ft) since January 1956.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Apr. 08 | 25,000 | 16.40 | 1953 | Jan. 10 | 21,200 | 15.40 | 1977 | Mar. 31 | 31,100 | 19.56 |
| 1939 | Feb. 28 | 23,300 | 15.70 | 1954 | Jan. 19 | 26,300 | 17.80 | 1978 | Nov. 05 | 37,600 | 21.87 |
| 1940 | Aug. 16 | 20,800 | 14.50 | 1965 | Jan. 24 | 23,600 | 16.70 | 1979 | Apr. 14 | 42,600 | 23.79 |
| 1941 | Aug. 17 | 13,800 | 11.00 | 1966 | Feb. 14 | 28,500 | 18.85 | 1980 | Mar. 09 | 26,400 | 17.69 |
| 1942 | Mar. 21 | 33,900 | 19.60 | 1967 | Aug. 25 | 24,100 | 17.58 | 1981 | Feb. 11 | 23,500 | 16.61 |
| 1943 | Mar. 21 | 30,000 | 18.20 | 1968 | Apr. 05 | 19,800 | 14.80 | 1982 | Feb. 04 | 36,900 | 21.89 |
| 1944 | Apr. 01 | 26,900 | 17.60 | 1969 | Apr. 19 | 28,300 | 18.79 | 1983 | Apr. 09 | 29,400 | 18.89 |
| 1945 | Apr. 25 | 22,900 | 15.70 | 1970 | Mar. 20 | 33,200 | 20.89 | 1984 | Dec. 07 | 23,000 | 16.46 |
| 1946 | Jan. 10 | 59,000 | 25.10 | 1971 | Mar. 03 | 28,200 | 18.73 | 1985 | Feb. 06 | 18,100 | 14.30 |
| 1947 | Jan. 23 | 33,500 | 20.20 | 1972 | Jan. 12 | 37,500 | 21.84 | 1986 | Nov. 02 | 12,600 | 11.44 |
| 1948 | Feb. 09 | 25,800 | 17.20 | 1973 | Feb. 01 | 26,400 | 17.24 | 1987 | Jan. 19 | 28,400 | 18.65 |
| 1949 | Nov. 29 | 46,000 | 25.00 | 1974 | Jan. 01 | 29,200 | 18.82 | 1988 | Jan. 20 | 18,200 | 14.35 |
| 1950 | Mar. 16 | 15,000 | 12.20 | 1975 | Mar. 14 | 36,400 | 21.48 | 1989 | June 22 | 19,500 | 14.92 |
| 1951 | Mar. 30 | 12,800 | 11.00 | 1976 | Mar. 16 | 43,700 | 23.90 | 1990 | Mar. 18 | 48,700 | 25.90 |
| 1952 | Mar. 14 | 32,400 | 20.50 | | | | | | | | |

## 02338500 CHATTAHOOCHEE RIVER AT FRANKLIN, GEORGIA

LOCATION.--Lat 33°16'45", long 85°06'00", Heard County, at bridge on U.S. Highway 27, 0.2 mi southwest of Franklin, 1.5 mi downstream from Centralhatchee Creek, 2 mi upstream from Hillabahatchee Creek, at at mile 235.5.
DRAINAGE AREA.--2,680 $mi^2$, approximately.
GAGE.--Nonrecording. Prior to Oct. 31, 1931, at site 250 ft downstream, Mar. 1, 1937, to Sept. 30, 1939, at site 500 ft downstream. All gages at about same datum. Datum of gage is 623.86 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 36,000 $ft^3/s$, and extended above on basis of peak flow at stations of Chattahoochee River near Norcross and at West Point.
HISTORICAL DATA.--Flood of December 1919 was probably the highest since 1886, based on records for gaging station downstream at West Point.
REMARKS.--Peak discharges regulated by Lake Sidney Lanier (maximum flood-control capacity, 637,000 acre-ft) since January 1956. Station in backwater from West Point Dam after October 1974. Peak discharges for 1920 and 1961 floods are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1920 | Dec. -- | 105,000 | 28.40c | 1938 | Apr. 08 | 34,100 | 18.80 | 1958 | Feb. 07 | 23,300 | 15.20 |
| 1929 | Mar. 15 | 54,000 | 22.70 | 1939 | Feb. 28 | 28,300 | 17.00 | 1959 | June 01 | 26,200 | 16.60 |
| 1930 | Nov. 15 | 24,500 | 14.70 | 1949 | Nov. 24 | 48,000 | 26.60c | 1961 | Feb. 26 | 50,000 | 26.70c |
| 1931 | Nov. 16 | 21,600 | 13.50 | | | | | | | | |

## 02338660 NEW RIVER NEAR CORINTH, GEORGIA

LOCATION.--Lat 33°14'07", long 84°59'16", Heard County, at bridge on State Highway 100, 1.7 mi downstream of Caney Creek, 2.5 mi west of Corinth and 8.1 mi upstream of Chattahoochee River.
DRAINAGE AREA.--127 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 634.68 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 9,400 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Apr. 14 | 7,450 | 13.92 | 1983 | Apr. 09 | 4,330 | 11.86 | 1987 | Mar. 01 | 1,730 | 9.37 |
| 1980 | June 20 | 4,230 | 11.38 | 1984 | Dec. 04 | 2,430 | 10.21 | 1988 | Feb. 05 | 1,930 | 9.63 |
| 1981 | Feb. 11 | 5,150 | 12.70 | 1985 | Feb. 06 | 2,340 | 10.11 | 1989 | June 21 | 2,200 | 9.94 |
| 1982 | Feb. 04 | 3,660 | 11.58 | 1986 | Nov. 02 | 1,010 | 8.23 | 1990 | Mar. 17 | 10,000 | 17.17 |

## 02338775 YELLOWJACKET CREEK AT HOGANSVILLE, GEORGIA

LOCATION.--Lat 33°10'59", long 84°54'56", Troup County, on right downstream end of bridge on State Highway 100 at Hogansville city limits.
DRAINAGE AREA.--42.5 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 666.50 ft above sea level (from U.S. Corps of Engineers benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,570 $ft^3/s$, and extended above on basis of rating curve extension. Bankfull stage and discharge 13 ft, and 2,500 $ft^3/s$.
HISTORICAL DATA.--Flood of February 1961 was probably the highest 1919, based on records at nearby stations. Flood stage of February 1961 based on information provided by local resident.
REMARKS.--Peak discharge of February 1961 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 8,400 | 24.50c | 1970 | July 05 | 1,190 | 9.48 | 1973 | Feb. 02 | 1,960 | 11.77 |
| 1967 | May 00 | 850 | --b | 1971 | Mar. 03 | 2,780 | 13.47 | 1974 | Mar. -- | 850 | --b |
| 1968 | Mar. 12 | 1,580 | 10.75 | 1972 | Jan. 10 | 2,970 | 13.78 | 1990 | Mar. 17 | 2,100 | 12.20c |
| 1969 | Apr. 18 | 640 | 7.30 | | | | | | | | |

## 02338840 YELLOWJACKET CREEK BELOW HOGANSVILLE, GEORGIA

LOCATION.--Lat 33°08'22", long 84°58'31", Troup County, on bridge on Hammet Road, 0.7 mi downstream from Flat Creek, and 5.8 mi southwest of Hogansville.
DRAINAGE AREA.--91.0 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 640.93 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,720 $ft^3/s$, and extended above on basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Apr. 05 | 2,070 | 8.31 | 1982 | Apr. 21 | 3,990 | 10.71 | 1984 | Dec. 04 | 2,630 | 9.40 |
| 1980 | Mar. 09 | 1,930 | 8.28 | 1983 | Apr. 09 | 2,070 | 8.61 | 1985 | July 29 | 1,790 | 8.29 |
| 1981 | Feb. 11 | 2,710 | 9.60 | | | | | | | | |

## 02339000 YELLOWJACKET CREEK NEAR LAGRANGE, GEORGIA

LOCATION.--Lat 33°05'27", long 85°03'40", Troup County, at bridge on State Highway 219, 1.2 mi downstream from Beach Creek, 2 mi upstream from Jackson Creek, and 4.2 mi northwest of LaGrange.
DRAINAGE AREA.--182 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 601 ft above sea level (by barometer).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 12,800 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and discharge, 8 ft and 1,600 $ft^3/s$.
REMARKS.--Station inundated by West Point Reservoir in 1974.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Apr. 24 | 880 | 6.60 | 1958 | Feb. 08 | 4,900 | 12.00 | 1965 | Dec. 26 | 3,900 | 10.53 |
| 1952 | Mar. 05 | 4,200 | 11.28 | 1959 | Mar. 06 | 960 | 7.25 | 1966 | Feb. 14 | 6,400 | 13.10 |
| 1953 | May 02 | 2,760 | 9.70 | 1960 | Apr. 05 | 3,000 | 10.00 | 1967 | May 23 | 2,010 | 8.47 |
| 1954 | Dec. 05 | 2,760 | 9.70 | 1961 | Feb. 25 | 21,600 | 22.50 | 1968 | Mar. 13 | 5,350 | 12.54 |
| 1955 | Apr. 15 | 1,720 | 8.63 | 1962 | Dec. 13 | 4,300 | 11.91 | 1969 | Apr. 19 | 3,030 | 10.13 |
| 1956 | Mar. 17 | 4,300 | 11.35 | 1963 | Jan. 21 | 2,290 | 9.38 | 1970 | Mar. 21 | 4,290 | 10.39 |
| 1957 | Apr. 06 | 6,110 | 13.36 | 1964 | Apr. 28 | 7,580 | 13.80a | 1971 | Mar. 03 | 14,500 | 17.45 |

## 02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GEORGIA

LOCATION.--Lat 32°53'10", long 85°10'56", Troup County, on right bank just downstream from Oseligee Creek at West Point, 1 mi upstream from bridge on U.S. Highway 29, and at mile 198.9.
DRAINAGE AREA.--3,550 $mi^2$, approxiamtely.
GAGE.--Water-stage recorder. Datum of gage is 551.67 ft above sea level (from U.S. Coast and Geodetic Survey benchmark). Prior to Oct. 20, 1912, nonrecording gage at site 0.8 mi downstream at datum 2.83 ft lower. Oct. 20, 1912, to Jan. 25, 1925, nonrecording gage at site 500 ft upstream at present datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 85,000 $ft^3/s$, and extended above on basis of computation of peak flow over Langdale Dam. Bankfull stage and discharge, 19 ft and 48,000 $ft^3/s$.
HISTORICAL DATA.--Well documented records of major floods at Columbus, Ga., indicate that the 1886 flood on the Chattahoochee River was, at that time, the highest since at least 1827. The stage of the 1886 flood from floodmarks from the National Weather Service.
REMARKS.--Peak discharge since January 1956 may be slightly affected by storage in Lake Sidney Lanier (maximum flood-control storage, 637,000 acre-ft). Peak discharges affected by West Point Lake (flood-control capacity, 221,000 acre-ft) beginning October 1974. Peak discharges for 1897-1905 are maximum daily discharges. Peak gage height for 1920 flood at present site.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | Apr. -- | 92,800 | 25.60c | 1928 | Apr. 23 | 30,500 | 14.30 | 1960 | Apr. 04 | 28,800 | 15.10 |
| 1897 | Mar. 14 | 38,500 | 14.10 | 1929 | Mar. 15 | 87,600 | 25.40 | 1961 | Feb. 26 | 94,400 | 24.90 |
| 1898 | Sept.06 | 57,400 | 18.20 | 1930 | Nov. 16 | 28,200 | 13.60 | 1962 | Dec. 13 | 47,200 | 19.79 |
| 1899 | Feb. 28 | 43,600 | 15.20 | 1931 | Nov. 17 | 30,900 | 14.40 | 1963 | Nov. 22 | 35,100 | 16.77 |
| 1900 | Feb. 14 | 63,300 | 19.50 | 1932 | Feb. 22 | 29,200 | 14.20 | 1964 | Apr. 07 | 55,300 | 19.98 |
| 1901 | May 23 | 52,800 | 17.20 | 1933 | Dec. 30 | 58,600 | 21.70 | 1965 | Jan. 24 | 38,600 | 17.85 |
| 1902 | Dec. 30 | 88,600 | 25.00 | 1934 | Mar. 05 | 34,700 | 16.50 | 1966 | Feb. 14 | 40,900 | 18.23 |
| 1903 | Feb. 09 | 66,100 | 20.10 | 1935 | Oct. 12 | 30,200 | 15.20 | 1967 | Aug. 26 | 29,400 | 14.59 |
| 1904 | Aug. 09 | 29,300 | 12.60 | 1936 | Apr. 08 | 75,400 | 22.90 | 1968 | Apr. 06 | 30,300 | 15.37 |
| 1905 | Jan. 13 | 29,300 | 12.60 | 1937 | Jan. 06 | 49,900 | 18.40 | 1969 | Apr. 19 | 43,600 | 17.91 |
| 1906 | Mar. 20 | 51,800 | 18.90 | 1938 | Apr. 09 | 63,900 | 20.20 | 1970 | Mar. 22 | 47,200 | 18.63 |
| 1907 | Mar. 03 | 30,500 | 12.50 | 1939 | Mar. 01 | 45,500 | 17.60 | 1971 | Mar. 03 | 57,900 | 21.29 |
| 1908 | Apr. 26 | 40,800 | 16.00 | 1940 | July 10 | 28,600 | 14.10 | 1972 | Jan. 12 | 57,400 | 20.90 |
| 1909 | Mar. 13 | 51,500 | 19.00 | 1941 | July 17 | 13,800 | 9.10 | 1973 | Feb. 03 | 37,400 | 16.81 |
| 1910 | May 25 | 23,100 | 11.30 | 1942 | Mar. 22 | 64,200 | 20.20 | 1974 | Jan. 03 | 28,600 | 14.46 |
| 1911 | Apr. 10 | 20,700 | 10.50 | 1943 | Mar. 22 | 64,200 | 20.20 | 1975 | Apr. 03 | 46,900 | 18.88 |
| 1912 | Mar. 16 | 73,400 | 22.90 | 1944 | Apr. 27 | 46,200 | 17.70 | 1976 | Mar. 19 | 34,600 | 16.15 |
| 1913 | Mar. 15 | 46,900 | 18.60 | 1945 | Apr. 25 | 65,700 | 20.40 | 1977 | Apr. 04 | 26,300 | 13.76 |
| 1914 | Apr. 17 | 18,500 | 9.60 | 1946 | Jan. 12 | 59,700 | 19.60 | 1978 | Nov. 07 | 23,900 | 12.97 |
| 1915 | Dec. 06 | 25,000 | 12.10 | 1947 | Jan. 21 | 47,200 | 19.60 | 1979 | Apr. 16 | 41,800 | 17.37 |
| 1916 | July 10 | 64,500 | 22.10 | 1948 | July 12 | 32,800 | 16.20 | 1980 | Mar. 08 | 25,500 | 12.83 |
| 1917 | Mar. 28 | 51,400 | 19.60 | 1949 | Nov. 29 | 61,900 | 22.40 | 1981 | Feb. 11 | 19,300 | 10.13 |
| 1918 | Jan. 12 | 34,800 | 16.30 | 1950 | Mar. 16 | 16,000 | 10.40 | 1982 | Feb. 03 | 28,600 | 13.87 |
| 1919 | Dec. 23 | 63,700 | 21.00 | 1951 | Apr. 23 | 16,800 | 10.70 | 1983 | Apr. 10 | 24,600 | 12.59 |
| 1920 | Dec. 10 | 134,000 | 29.25 | 1952 | Mar. 05 | 43,200 | 18.70 | 1984 | Dec. 08 | 25,100 | 12.75 |
| 1921 | Feb. 10 | 53,000 | 19.30 | 1953 | Jan. 10 | 26,100 | 14.20 | 1985 | Jan. 17 | 18,900 | 10.30 |
| 1922 | Mar. 11 | 54,800 | 19.60 | 1954 | Jan. 20 | 25,800 | 14.10 | 1986 | Nov. 24 | 17,800 | 9.94 |
| 1923 | Feb. 14 | 39,400 | 16.70 | 1955 | Feb. 08 | 24,000 | 13.50 | 1987 | Jan. 19 | 17,300 | 9.75 |
| 1924 | Apr. 19 | 25,400 | 12.60 | 1956 | Mar. 17 | 40,900 | 18.20 | 1988 | Feb. 18 | 17,500 | 9.82 |
| 1925 | Jan. 19 | 90,300 | 24.60 | 1957 | Apr. 06 | 46,800 | 19.50 | 1989 | June 21 | 29,000 | 13.56 |
| 1926 | Apr. 01 | 28,500 | 13.70 | 1958 | Feb. 07 | 34,000 | 16.50 | 1990 | Mar. 19 | **800 | 18.30 |
| 1927 | Feb. 14 | 24,100 | 12.20 | 1959 | June 02 | 27,000 | 14.50 | | | | |

## 02340250 FLAT SHOAL CREEK NEAR WEST POINT, GEORGIA

LOCATION.--Lat 32°53'53", long 85°04'41", Troup County, on bridge on State Highway 18, about 5 mi east of I-85, near West Point.
DRAINAGE AREA.--204 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 566 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 7,490 $ft^3/s$, and extended above on basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1984 | Dec. 04 | 1,970 | 10.42 | 1987 | Nov. 17 | 2,920 | 12.92 | 1989 | Apr. 06 | 2,100 | 10.83 |
| 1985 | Feb. 06 | 3,780 | 14.90 | 1988 | Feb. -- | 1,400 | --b | 1990 | Mar. 17 | 7,670 | 22.16 |
| 1986 | Sept. -- | 1,400 | --b | | | | | | | | |

## 02340260 BIG BRANCH NEAR WEST POINT, GEORGIA

LOCATION.--Lat 32°52'10", long 85°05'57", Troup County, at culvert on State Highway 18, 4.8 mi west of West Point.
DRAINAGE AREA.--4.30 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 605 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined on basis of culvert computation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | Mar. 30 | 514 | 6.58 | 1963 | Jan. 21 | 130 | 3.80 | 1965 | Jan. 19 | 270 | 4.73 |
| 1961 | Feb. 25 | 1,340 | 10.85 | 1964 | Apr. 27 | 1,560 | 11.75 | 1990 | Mar. 16 | 410 | 5.96e |
| 1962 | Apr. 12 | 480 | 6.45 | | | | | | | | |

## 02340500 MOUNTAIN OAK CREEK NEAR HAMILTON, GEORGIA

LOCATION.--Lat 32°44'28", long 85°04'08", Harris County, on right bank 300 ft upstream from bridge on State Highway 103, 5 mi upstream from mouth, and 11 mi west of Hamilton.
DRAINAGE AREA.--61.7 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 550 ft above sea level (by barometer). Dec. 22, 1943, to Sept. 8, 1950, nonrecording gage, and Sept. 9, 1950, to June 12, 1964, water-stage recorder at site 300 ft downstream at datum 3.00 ft lower. Datum Oct. 1, 1958, to June 12, 1964, adjusted to present datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 7,000 $ft^3/s$, and extended above on basis of slope-conveyance studies at 12,000 $ft^3/s$. Bankfull stage and discharge, 4 ft and 1,700 $ft^3/s$.
HISTORICAL DATA.--The flood of 1948 is thought to be the highest since 1919, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1944 | Apr. 27 | 4,380 | 7.50 | 1955 | Apr. 14 | 630 | 3.50 | 1965 | Oct. 05 | 1,380 | 3.63 |
| 1945 | May 13 | 1,810 | 5.20 | 1956 | Mar. 16 | 955 | 4.03 | 1966 | Feb. 13 | 3,690 | 5.37 |
| 1946 | Jan. 07 | 4,120 | 7.30 | 1957 | Apr. 05 | 2,580 | 6.10 | 1967 | Sept.04 | 1,130 | 3.40 |
| 1947 | Apr. 02 | 2,180 | 5.60 | 1958 | Nov. 19 | 1,100 | 4.72 | 1968 | Mar. 12 | 1,560 | 3.81 |
| 1948 | July 11 | 11,800 | 16.60 | 1959 | Feb. 04 | 515 | 2.55 | 1969 | Apr. 19 | 1,360 | 3.66 |
| 1949 | Nov. 27 | 7,490 | 12.10 | 1960 | Apr. 04 | 1,840 | 4.18 | 1970 | Mar. 22 | 2,530 | 4.59 |
| 1950 | Mar. 28 | 780 | 3.82 | 1961 | Feb. 25 | 5,200 | 6.80 | 1971 | Mar. 03 | 4,710 | 5.95 |
| 1951 | Apr. 23 | 462 | 3.14 | 1962 | Apr. 13 | 1,520 | 3.85 | 1972 | Feb. 07 | 806 | 3.02 |
| 1952 | Mar. 25 | 1,220 | 4.40 | 1963 | Jan. 21 | 1,260 | 3.55 | 1973 | Dec. 16 | 2,030 | 4.21 |
| 1953 | May 01 | 899 | 3.97 | 1964 | Apr. 08 | 2,960 | 4.92 | 1990 | Mar. 17 | 4,750 | 6.06c |
| 1954 | Dec. 05 | 2,340 | 5.80 | | | | | | | | |

## 02341220 MULBERRY CREEK NEAR MULBERRY GROVE, GEORGIA

LOCATION.--Lat 32°42'11", long 84°57'29", Harris County, at bridge on Hamilton-Mulberry Grove Road, near Mulberry Grove.
DRAINAGE AREA.--190 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 490 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 20,000 $ft^3/s$, and extended above on basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1984 | Dec. 04 | 2,000 | 11.29 | 1987 | Feb. 28 | 3,830 | 16.31 | 1989 | June 21 | 5,510 | 19.27 |
| 1985 | Feb. 06 | 5,210 | 18.81 | 1988 | Jan. 20 | 1,800 | 10.61 | 1990 | Mar. 17 | 21,000 | 27.74 |
| 1986 | Mar. 19 | 3,810 | 16.28 | | | | | | | | |

## 02341500 CHATTAHOOCHEE RIVER AT COLUMBUS, GEORGIA

LOCATION.--Lat 32°27'45", long 84°59'52", Muscogee County, on downstream side of center pier of Central of Georgia Railway bridge at Columbus, 0.5 mi downstream from Eagle and Phenix Dam, 1.2 mi downstream from City Mills Dam, 2.6 mi downstream from North Highlands Dam, 3.3 mi downstream from Oliver Dam, 17.5 mi downstream from Bartletts Ferry Dam, and at mile 159.9.

DRAINAGE AREA.--4,670 $mi^2$, approximately.

GAGE.--Water-stage recorder. Datum of gage is about 183.14 ft above sea level (levels from U.S. Geological Survey benchmark), supplementary adjustment of 1936. Dec. 1-31, 1912, nonrecording gage at site 800 ft upstream at same datum, and Aug. 23, 1929 to Sept. 30, 1975, recording gage at present site at datum 2.0 ft higher. Oct. 1, 1963, to Sept. 30, 1966, water-stage recorder at Walter F. George Reservoir, and since Oct. 1, 1966, water-stage recorder at Alabama State Docks used as auxiliary gage for this station. All gage readings have been adjusted to present datum.

STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 140,000 $ft^3/s$, and extended above by computation of flow over North Highlands Dam. Laboratory rating to 198,000 $ft^3/s$ obtained from North Highlands Dam. Stage-discharge relation affected by backwater.

HISTORICAL DATA.--The record of major floods prior to the establishment of the gage station in August 1929 is well established through records of the National Weather Service, marks on river-front factories, and old issues of the Columbus Enquirer dating back to 1827. The flood of March 1841 was said at that time to be the highest since the town was established in 1827.

REMARKS.--Peak discharge slightly regulated by Lake Sidney Lanier (maximum flood-control capacity, 637,000 acre-ft) since January 1956; West Point Lake (maximum flood-control capacity, 221,000 acre-ft) since October 1974; and Bartletts Ferry Reservoir (Lake Harding) (maximum flood-control capacity, 57,000 acre-ft) since 1926. Peak discharges for 1964, 1968, and 1973-74 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1841 | Mar. 11 | 113,000 | 45.00c | 1946 | Jan. 07 | 62,600 | 33.50 | 1969 | Apr. 19 | 66,800 | 29.69a |
| 1886 | Apr. 01 | 154,000 | 50.50c | 1947 | Jan. 21 | 54,100 | 30.90 | 1970 | Mar. 22 | 87,200 | 34.44a |
| 1913 | Mar. 15 | 107,000 | 44.00c | 1948 | July 11 | 81,900 | 38.60a | 1971 | Mar. 03 | 110,000 | 40.50a |
| 1916 | July 00 | 106,000 | 43.90c | 1949 | Nov. 28 | 104,000 | 44.40a | 1972 | Jan. 12 | 70,800 | 30.70a |
| 1920 | Dec. 12 | 172,000 | 52.60c | 1950 | Mar. 17 | 16,200 | 14.30 | 1973 | Dec. 22 | 54,700 | 26.67a |
| 1925 | Jan. 19 | 133,000 | 48.00a | 1951 | Apr. 23 | 24,100 | 18.00 | 1974 | Feb. 16 | 38,300 | 21.13a |
| 1929 | Mar. 15 | 198,000 | 55.20 | 1952 | Mar. 05 | 57,800 | 32.20 | 1975 | Apr. 03 | 89,900 | 33.98a |
| 1930 | Oct. 01 | 42,000 | 26.10 | 1953 | May 02 | 44,400 | 27.10 | 1976 | Mar. 31 | 52,200 | 24.54a |
| 1931 | Nov. 17 | 46,000 | 28.63 | 1954 | Dec. 04 | 39,800 | 25.20 | 1977 | Mar. 31 | 57,900 | 26.07a |
| 1932 | Feb. 22 | 36,000 | 24.30 | 1955 | Apr. 15 | 30,300 | 21.00 | 1978 | Jan. 26 | 75,000 | 31.60a |
| 1933 | Dec. 30 | 58,800 | 33.12 | 1956 | Mar. 17 | 51,700 | 30.00 | 1979 | Apr. 14 | 72,900 | 30.91 |
| 1934 | Mar. 05 | 49,200 | 29.62 | 1957 | Apr. 06 | 74,600 | 36.00a | 1980 | Mar. 09 | 60,400 | 27.37a |
| 1935 | Mar. 06 | 36,100 | 24.26 | 1958 | Feb. 07 | 41,500 | 25.90 | 1981 | Apr. 01 | 73,700 | 30.71 |
| 1936 | Apr. 09 | 84,700 | 40.24 | 1959 | June 02 | 35,500 | 25.90a | 1982 | Feb. 04 | 54,000 | 26.23 |
| 1937 | Jan. 06 | 55,000 | 32.50 | 1960 | Apr. 05 | 59,100 | 31.90a | 1983 | Apr. 09 | 56,700 | 26.94 |
| 1938 | Apr. 09 | 81,700 | 39.60 | 1961 | Feb. 26 | 145,000 | 49.80a | 1984 | Dec. 04 | 40,500 | 20.57 |
| 1939 | Mar. 30 | 59,000 | 32.15a | 1962 | Dec. 14 | 57,300 | 32.02 | 1985 | Feb. 07 | 44,700 | 21.15 |
| 1940 | July 10 | 40,900 | 25.50a | 1963 | Jan. 21 | 40,900 | 25.68 | 1986 | Mar. 19 | 17,400 | 13.21a |
| 1941 | July 15 | 16,700 | 12.80a | 1964 | Apr. 08 | 140,000 | 45.85a | 1987 | Mar. 01 | 38,700 | 20.52 |
| 1942 | Mar. 22 | 82,500 | 38.90a | 1965 | Jan. 25 | 55,300 | 26.78a | 1988 | Jan. 22 | 24,500 | 14.52 |
| 1943 | Mar. 22 | 102,000 | 43.00 | 1966 | Feb. 14 | 77,800 | 32.40a | 1989 | June 22 | 45,000 | 21.24 |
| 1944 | Mar. 23 | 72,400 | 36.10 | 1967 | Nov. 12 | 37,100 | 21.60a | 1990 | Mar. 17 | 98,800 | 41.14a |
| 1945 | Apr. 26 | 68,800 | 35.20 | 1968 | Mar. 13 | 46,000 | 25.91a | | | | |

## 02341542 FLAT ROCK CREEK AT COLUMBUS, GEORGIA

LOCATION.--Lat 32°32'57", long 84°53'07", Muscogee County, at bridge on Warm Springs Road at Columbus.
DRAINAGE AREA.--6.54 $mi^2$.
GAGE.--Flood-stage, rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 190 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Aug. 03 | 1,910 | 7.21 | 1980 | Apr. 13 | 620 | 5.80 | 1983 | Mar. 05 | 1,020 | 6.29 |
| 1978 | Jan. 25 | 700 | 5.90 | 1981 | Apr. 01 | 2,320 | 7.62 | 1984 | Dec. 11 | 215 | 5.15 |
| 1979 | Apr. 13 | 692 | 5.89 | 1982 | Feb. 02 | 812 | 6.04 | 1985 | Feb. 05 | 294 | 5.29 |

## 02341544 MILL BRANCH AT COLUMBUS, GEORGIA

LOCATION.--Lat 32°28'19", long 84°53'58", Muscogee County, at culvert on Chalbena Road at Columbus.
DRAINAGE AREA.--1.58 $mi^2$.
GAGE.--Flood-stage, rainfall recorder prior to Oct. 17, 1985. Crest-stage gage 1986 to present.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 101 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | July 28 | 569 | 5.31 | 1982 | Apr. 26 | 607 | 5.51 | 1987 | Feb. 28 | 326 | 4.14. |
| 1978 | June 03 | 686 | 5.93 | 1983 | Mar. 05 | 559 | 5.26 | 1988 | Jan. 20 | 255 | 3.64 |
| 1979 | Apr. 04 | 639 | 5.68 | 1984 | Aug. 12 | 388 | 4.30 | 1989 | Aug. 26 | 547 | 5.51 |
| 1980 | Jan. 18 | 465 | 4.75 | 1985 | May 08 | 514 | 5.02 | 1990 | Mar. 16 | 1,390 | 10.59 |
| 1981 | Apr. 01 | 734 | 6.18 | 1986 | Mar. 19 | 593 | 5.78 | | | | |

## 02341546 BULL CREEK TRIBUTARY AT COLUMBUS, GEORGIA

LOCATION.--Lat 32°28'38", long 84°55'36", Muscogee County, at culvert on Woodland Drive at Columbus.
DRAINAGE AREA.--0.26 $mi^2$.
GAGE.--Flood-stage, rainfall recorder prior to Oct. 17, 1985. Crest-stage gage 1986 to present.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 25 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Aug. 03 | 134 | 5.29 | 1982 | July 13 | 52.0 | 3.48 | 1987 | June 14 | 55.0 | 3.74 |
| 1978 | June 03 | 82.0 | 4.47 | 1983 | Mar. 05 | 67.0 | 3.95 | 1988 | Jan. 20 | 43.0 | 3.27 |
| 1979 | May 19 | 119 | 5.16 | 1984 | Aug. 12 | 49.0 | 3.36 | 1989 | July 03 | 65.0 | 4.08 |
| 1980 | Apr. 13 | 88.0 | 4.65 | 1985 | May 10 | 38.0 | 3.00 | 1990 | Mar. 16 | 244 | 5.79 |
| 1981 | Apr. 01 | 96.0 | 4.84 | 1986 | Aug. 12 | 78.0 | 4.51 | | | | |

## 02341548 LINDSEY CREEK TRIBUTARY AT COLUMBUS, GEORGIA

LOCATION.--Lat 32°31'33", long 84°56'21", Muscogee County, at culvert on Canberra Avenue at Columbus.
DRAINAGE AREA.--1.42 $mi^2$.
GAGE.--Flood-stage, rainfall recorder prior to Oct. 18, 1985. Crest-stage gage 1986 to present.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 55 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--Flow is affected by urbanization. Peak discharge for 1977 undetermined, owing to debris in culvert.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Aug. 03 | -- | 9.13 | 1982 | May 19 | 379 | 5.37 | 1987 | June 14 | 496 | 6.93 |
| 1978 | Aug. 09 | 337 | 4.95 | 1983 | July 15 | 345 | 4.89 | 1988 | July 21 | 462 | 6.27 |
| 1979 | Apr. 13 | 448 | 6.26 | 1984 | Dec. 11 | 241 | 3.90 | 1989 | July 03 | 437 | 5.91 |
| 1980 | Aug. 14 | 525 | 7.00 | 1985 | Apr. 05 | 143 | 3.00 | 1990 | Mar. 16 | 466 | 6.34 |
| 1981 | Apr. 01 | 669 | 7.73 | 1986 | Mar. 19 | 312 | 4.60 | | | | |

## 02341600 JUNIPER CREEK NEAR GENEVA, GEORGIA

LOCATION.--Lat 32°31'41", long 84°34'14", Talbot County, at State Highway 41, 1.8 mi south of Geneva.
DRAINAGE AREA.--47.4 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 373 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,700 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and discharge, 6 ft and 400 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | Dec. 27 | 640 | 6.83 | 1973 | Apr. 07 | 845 | 7.25 | 1982 | Apr. 05 | 720 | 7.00 |
| 1964 | Apr. 13 | 1,360 | 8.23 | 1974 | Apr. 05 | 708 | 6.97 | 1983 | Mar. 07 | 484 | 6.41 |
| 1965 | Dec. 27 | 870 | 7.30 | 1975 | Apr. 15 | 1,510 | 8.45 | 1984 | Mar. 06 | 636 | 6.79 |
| 1966 | Mar. 03 | 2,010 | 9.19 | 1976 | Mar. 14 | 552 | 6.58 | 1985 | Feb. 07 | 395 | 6.15 |
| 1967 | May 23 | 504 | 6.46 | 1977 | Apr. 01 | 660 | 6.85 | 1986 | Mar. 14 | 440 | 6.30 |
| 1968 | Mar. 12 | 338 | 5.93 | 1978 | Jan. 27 | 1,370 | 8.22 | 1987 | Nov. 17 | 745 | 7.05 |
| 1969 | May 20 | 616 | 6.74 | 1979 | Feb. 27 | 1,180 | 7.90 | 1988 | Jan. 17 | 316 | 5.83 |
| 1970 | Mar. 20 | 712 | 6.98 | 1980 | Mar. 13 | 716 | 6.99 | 1989 | Apr. 06 | 434 | 6.28 |
| 1971 | Mar. 25 | 780 | 7.12 | 1981 | Apr. 01 | 1,800 | 8.89 | 1990 | Mar. 17 | 4,300 | 11.78 |
| 1972 | Feb. 07 | 422 | 6.24 | | | | | | | | |

## 02341723 PINE KNOT CREEK NEAR JUNIPER, GEORGIA

LOCATION.--Lat 32°26'14", long 84°39'25", Marion County, at bridge on State Highway 355, 8 mi south of Juniper.
DRAINAGE AREA.--33.1 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 330 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 970 $ft^3/s$, and extended above on basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Feb. 24 | 336 | 5.64 | 1983 | Mar. 06 | 378 | 5.89 | 1987 | Mar. 01 | 180 | 4.62 |
| 1980 | Apr. 05 | 394 | 5.97 | 1984 | Mar. 06 | 290 | 5.32 | 1988 | Apr. 17 | 238 | 5.12 |
| 1981 | Feb. 11 | 764 | 7.46 | 1985 | May 08 | 340 | 5.67 | 1989 | Apr. 06 | 214 | 4.92 |
| 1982 | Apr. 05 | 322 | 5.55 | 1986 | Mar. 13 | 112 | 3.85 | 1990 | Mar. 17 | 1,960 | 9.43 |

## 02341800 UPATOI CREEK NEAR COLUMBUS, GEORGIA

LOCATION.--Lat 32°24'48", long 84°49'12", Muscogee-Chattahoochee County-line, at downstream side of pier near left end of bridge on Red Arrow road at Fort Benning, 2 mi downstream from Randall Creek, 2 mi upstream from Ochillee Creek, 8 mi southeast of Columbus, and 12 mi upstream from mouth.
DRAINAGE AREA.--342 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 230 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 36,000 $ft^3/s$, and extended above on basis of rating-curve extension, and flow-over-road measurement.
REMARKS.--Peak stage from March 1990 from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1969 | Apr. 18 | 8,850 | 14.32 | 1977 | Aug. 03 | 6,440 | 12.44 | 1984 | Mar. 06 | 3,650 | 10.07 |
| 1970 | Mar. 21 | 6,800 | 12.75 | 1978 | Jan. 25 | 7,350 | 13.85 | 1985 | Feb. 06 | 4,180 | 10.75 |
| 1971 | Mar. 03 | 8,940 | 14.74 | 1979 | Feb. 24 | 7,770 | 14.52 | 1986 | Mar. 19 | 6,850 | 13.59 |
| 1972 | June 27 | 4,310 | 10.31 | 1980 | Mar. 30 | 5,630 | 12.37 | 1987 | Mar. 01 | 5,740 | 12.52 |
| 1973 | Apr. 07 | 7,570 | 13.56 | 1981 | Apr. 01 | 17,300 | 21.06 | 1988 | Jan. 20 | 3,330 | 9.77 |
| 1974 | Apr. 04 | 6,070 | 12.07 | 1982 | Feb. 03 | 6,730 | 13.51 | 1989 | Mar. 06 | 3,830 | 10.39 |
| 1975 | Apr. 15 | 10,200 | 15.76 | 1983 | Dec. 11 | 4,700 | 11.33 | 1990 | Mar. 17 | 46,300 | 32.12 |
| 1976 | June 04 | 3,990 | 9.98 | | | | | | | | |

## 02341900 OCHILLEE CREEK NEAR CUSSETA, GEORGIA

LOCATION.--Lat 32°21'53", long 84°49'02", Chattahoochee County, at bridge on Hourglass Road, 5 mi northwest of Cusseta.
DRAINAGE AREA.--53.3 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 281.53 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,160 $ft^3/s$, and extended above on basis of slope-conveyance studies. Bankfull stage and discharge, 11 ft and 1,400 $ft^3/s$.
REMARKS.--Peak stage from March 1990 from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Feb. 25 | 1,590 | 11.29 | 1983 | Mar. 06 | 1,200 | 10.31 | 1987 | Feb. 28 | 545 | 6.97 |
| 1980 | Mar. 15 | 1,890 | 11.63 | 1984 | Dec. 12 | 585 | 7.22 | 1988 | Feb. 04 | 300 | 3.73 |
| 1981 | Apr. 01 | 2,180 | 11.88 | 1985 | May 08 | 330 | 5.51 | 1989 | Apr. 06 | 531 | 6.72 |
| 1982 | Feb. 03 | 796 | 8.33 | 1986 | Mar. 19 | 612 | 7.39 | 1990 | Mar. 17 | 11,000 | 16.00 |

## 02343200 PATAULA CREEK NEAR LUMPKIN, GEORGIA

LOCATION.--Lat 31°56'03", long 84°48'12", Stewart County, at bridge on U.S. Highway 27, 8 mi south of Lumpkin.
DRAINAGE AREA.--70 $mi^2$, approximately.
GAGE.--Crest-stage gage prior to June 21, 1958, and after Oct. 1, 1972. Water-stage recorder, June 21, 1958, to Sept. 30, 1972. Datum of gage is 285.5 ft above sea level (levels by the U.S. Geological Survey) (revised).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,200 $ft^3/s$, and extended above on basis of contracted-opening measurements at 8,320 and 9,400 $ft^3/s$. Bankfull stage and discharge, 4.0 ft and 350 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1950 | Sept.01 | 1,390 | 5.50 | 1960 | Feb. 11 | 1,940 | 5.90 | 1970 | Mar. 30 | 8,320 | 9.19 |
| 1951 | Apr. 01 | 270 | 3.29 | 1961 | Apr. 01 | 2,220 | 6.12 | 1971 | Mar. 26 | 1,760 | 5.87 |
| 1952 | Feb. 15 | 675 | 4.62 | 1962 | Jan. 06 | 1,320 | 5.45 | 1972 | Jan. 14 | 962 | 5.08 |
| 1953 | May 03 | 3,380 | 6.99 | 1963 | July 09 | 700 | 4.80 | 1973 | Apr. 26 | 1,700 | 5.82 |
| 1954 | Dec. 05 | 800 | 4.87 | 1964 | Jan. 09 | 1,010 | 5.10 | 1974 | Apr. 06 | 1,960 | 6.04 |
| 1955 | Apr. 14 | 582 | 4.37 | 1965 | Dec. 25 | 3,020 | 6.75 | 1975 | Feb. 17 | 9,390 | 9.36 |
| 1956 | Sept.25 | 1,560 | 5.65 | 1966 | Feb. 13 | 2,530 | 6.42 | 1976 | Aug. 08 | 1,170 | 5.31 |
| 1957 | Apr. 07 | 1,120 | 5.26 | 1967 | Jan. 01 | 3,070 | 6.78 | 1977 | Nov. 30 | 1,810 | 5.92 |
| 1958 | June 20 | 502 | 4.50 | 1968 | Dec. 11 | 257 | 3.71 | 1978 | Jan. 26 | 3,900 | 7.26 |
| 1959 | Feb. 04 | 1,050 | 5.20 | 1969 | Mar. 24 | 692 | 4.72 | 1990 | Mar. 18 | 7,200 | 8.76c |

## 02343219 BLUFF SPRINGS BRANCH NEAR LUMPKIN, GEORGIA

LOCATION.--Lat 32°01'53", long 84°53'18", Stewart County, at culvert on State Highway 27, 5.8 mi southwest of Lumpkin.
DRAINAGE AREA.--2.98 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 390 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Aug. 15 | 193 | 2.51 | 1982 | Feb. 23 | 121 | 1.97 | 1987 | Nov. 30 | 101 | 1.77 |
| 1978 | July 31 | 489 | 4.27 | 1983 | Mar. 06 | 241 | 2.82 | 1988 | Apr. -- | 75 | --b |
| 1979 | Feb. 24 | 161 | 2.28 | 1984 | Dec. 11 | 90 | 1.66 | 1989 | July 20 | 93 | 1.68 |
| 1980 | Mar. 30 | 121 | 1.97 | 1985 | Aug. 29 | 170 | 2.34 | 1990 | Mar. 17 | 568 | 4.70 |
| 1981 | Feb. 10 | 147 | 2.18 | 1986 | Dec. 13 | 88 | 1.64 | | | | |

## 02343225 PATAULA CREEK NEAR GEORGETOWN, GEORGIA

LOCATION.--Lat 31°49'06", long 84°57'27", Quitman County, at bridge on U.S. Highway 82 (State Highway 50), about 11 mi east of Georgetown.
DRAINAGE AREA.--295 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 209.64 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 7,500 $ft^3/s$, and extended above on basis of contracted-opening measurements at 19,000 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 5.0 ft and 3,500 $ft^3/s$.
REMARKS.--The flood stage of the 1949 flood is based on information provided by the Georgia Department of Transportation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1949 | Nov. 27 | 42,000 | 11.80c | 1960 | Apr. 03 | 4,140 | 5.15 | 1970 | Mar. 31 | 19,000 | 9.40 |
| 1951 | Dec. 29 | 1,730 | 4.38 | 1961 | Apr. 12 | 4,600 | 5.40 | 1971 | Mar. 27 | 2,850 | 5.03 |
| 1952 | Feb. -- | 1,620 | 4.29 | 1962 | Jan. 07 | 2,450 | 4.40 | 1972 | Jan. 14 | 1,860 | 4.52 |
| 1953 | May 03 | 11,000 | 8.02 | 1963 | Jan. 22 | 2,450 | 4.45 | 1973 | Apr. 26 | 4,900 | 6.38 |
| 1954 | Dec. 08 | 2,080 | 4.73 | 1964 | Jan. 10 | 2,650 | 4.47 | 1974 | Apr. 06 | 3,000 | 5.33 |
| 1955 | Feb. 07 | 3,730 | 5.80 | 1965 | Dec. 27 | 5,460 | 5.76 | 1975 | Feb. 17 | 19,400 | 9.69 |
| 1956 | Sept.25 | 3,400 | 5.63 | 1966 | Feb. 12 | 4,460 | 5.34 | 1976 | May 15 | 1,990 | 4.53 |
| 1957 | Apr. 07 | 2,950 | 5.27 | 1967 | Jan. 02 | 6,410 | 6.07 | 1977 | Dec. 02 | 3,500 | 5.60 |
| 1958 | Feb. 28 | 1,320 | 4.00 | 1968 | Nov. 02 | 700 | 2.47b | 1978 | Jan. 28 | 8,000 | 7.19 |
| 1959 | Feb. 06 | 2,650 | 4.54 | 1969 | May 19 | 2,410 | 4.94 | 1990 | Mar. 18 | 7,540 | 7.43c |

## 02343267 TEMPLE CREEK NEAR BLAKELY, GEORGIA

LOCATION.--Lat 31°26'35", long 84°59'00", Early County, at culvert on State Highway 39, 5.2 mi north of Blakely.
DRAINAGE AREA.--2.78 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 290 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 62.0 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1978 | Jan. 26 | 110 | 2.03 | 1983 | Mar. 06 | 66.0 | 2.05 | 1987 | Mar. 01 | 22.0 | 1.30 |
| 1979 | Feb. 25 | 60.0 | 1.79 | 1984 | Dec. 06 | 41.0 | 1.72 | 1988 | Apr. 17 | 34.0 | 1.58 |
| 1980 | Apr. 05 | 80.0 | 1.81 | 1985 | Feb. 06 | 17.0 | 1.16 | 1989 | July 20 | 26.0 | 1.41 |
| 1981 | Apr. 05 | 15.0 | --b | 1986 | Feb. -- | 15.0 | --b | 1990 | Jan. 07 | 23.0 | 1.33 |
| 1982 | July 24 | 82.0 | 2.27 | | | | | | | | |

## 02343500 CHATTAHOOCHEE RIVER AT COLUMBIA, ALABAMA

LOCATION.--Lat 31°17'11", long 85°05'45", in T. 4 N., R. 29 E., Houston County, Ala., on downstream side of bridge on State Highway 52, 0.2 mi downstream from Central of Georgia Railway bridge, 0.5 mi upstream from Omussee Creek, 0.5 mi east of Columbia, and at mile 48.9.
DRAINAGE AREA.--8,040 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 72.23 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 115,000 $ft^3/s$, and extended above on basis of slope-conveyance study at 203,000 $ft^3/s$. Bankfull stage and discharge, 45 ft and 93,000 $ft^3/s$.
HISTORICAL DATA.--Flood of March 1929 thought to be the highest since 1827, based on information from local residents and for station upstream on Chattahoochee River at Columbus.
REMARKS.--Peak discharges are slightly regulated by Lake Sidney Lanier, West Point Lake, Bartletts Ferry Reservoir (Lake Harding) (For flood-control storage capacities, see station 02341500), and Walter F. George Lake (maximum flood-control capacity, 244,400 acre-ft) since 1963.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. 18 | 203,000 | 56.00 | 1940 | Feb. 19 | 51,200 | 32.60 | 1951 | Apr. 24 | 28,800 | 22.50 |
| 1930 | Oct. 02 | 105,000 | 45.60 | 1941 | Mar. 09 | 18,400 | 16.00 | 1952 | Mar. 26 | 71,100 | 40.70 |
| 1931 | Nov. 18 | 69,300 | 38.90 | 1942 | Mar. 24 | 81,300 | 42.30 | 1953 | May 04 | 92,000 | 45.80 |
| 1932 | Feb. 24 | 42,100 | 28.20 | 1943 | Mar. 24 | 119,000 | 49.50 | 1954 | Dec. 07 | 57,300 | 36.10 |
| 1933 | Mar. 22 | 63,800 | 37.20 | 1944 | Mar. 25 | 97,000 | 45.80 | 1955 | Apr. 16 | 39,500 | 28.00 |
| 1934 | Mar. 06 | 63,200 | 36.00 | 1945 | Apr. 28 | 59,600 | 35.60 | 1956 | Mar. 19 | 51,200 | 33.70 |
| 1935 | Mar. 08 | 49,100 | 30.60 | 1946 | Mar. 30 | 72,600 | 39.80 | 1957 | Apr. 08 | 74,000 | 41.50 |
| 1936 | Apr. 12 | 102,000 | 46.60 | 1947 | Mar. 09 | 59,900 | 35.70 | 1958 | Mar. 10 | 74,900 | 39.40 |
| 1937 | Mar. 22 | 57,200 | 34.80 | 1948 | July 14 | 81,200 | 43.30 | 1959 | June 04 | 51,700 | 31.70 |
| 1938 | Apr. 11 | 91,500 | 44.70 | 1949 | Dec. 01 | 111,000 | 49.30 | 1960 | Apr. 05 | 84,800 | 44.20 |
| 1939 | Mar. 03 | 77,600 | 41.30 | 1950 | Mar. 07 | 28,300 | 22.20 | 1961 | Mar. 01 | 110,000 | 47.90 |

## 02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, ALABAMA

LOCATION.--Lat 31°15'33", long 85°06'37", Early County, Ga.,-Houston County, Ala., at left end of George W. Andrews Lock and Dam, 1.3 mi downstream from Omusee Creek, 2.3 mi south of Columbia, Ala., and at mile 46.5.
DRAINAGE AREA.--8,210 $mi^2$, approximately.
GAGE.--Gate-opening and water-stage recorders. Datum of gage is 00.00 ft above sea level (levels by the U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Below a stage of 110.ft, the discharge is defined by flow through gate openings, flow over the fixed spillway and flow through the lock. When the structure becomes submerged at a stage of 110 ft, the discharge is defined by current-meter measurements.
REMARKS.--Peak discharges are slightly regulated by Lake Sidney Lanier, West Point Lake, Bartletts Ferry Reservoir (Lake Harding), and Walter F. George Lake (For flood-control storage capacities, see station 02343500); and George W. Andrews Reservoir. The flood peak of March 1990 from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1975 | Apr. 05 | 58,000 | 104.70 | 1981 | Apr. 03 | 72,600 | 106.16 | 1986 | Mar. 15 | 60,400 | 104.60a |
| 1976 | Apr. 01 | 45,700 | 103.12 | 1982 | Feb. 04 | 71,100 | 105.77 | 1987 | Mar. 02 | 57,900 | 103.32a |
| 1977 | Nov. 29 | 43,600 | 103.00 | 1983 | Feb. 04 | 64,400 | 104.01a | 1988 | Jan. 20 | 30,800 | 103.29a |
| 1978 | Jan. 27 | 131,000 | 118.12 | 1984 | Dec. 12 | 51,900 | 103.39a | 1989 | Apr. 10 | 40,900 | 103.21a |
| 1979 | Feb. 25 | 77,800 | 106.74 | 1985 | Feb. 06 | 35,200 | 103.47a | 1990 | Mar. 19 | 195,000 | 123.29 |
| 1980 | Mar. 31 | 78,600 | 107.58 | | | | | | | | |

## 02344000 CHATTAHOOCHEE RIVER AT ALAGA, ALABAMA

LOCATION.--Lat 31°06'54", long 85°02'43", Early County, Ga., on downstream side of bridge on U.S. Highway 84, 0.5 mi downstream from Seaboad Coast Line Railroad bridge, 0.5 mi south of Alaga, Ala., and at mile 34.4.
DRAINAGE AREA.--8,340 $mi^2$, approximately.
GAGE.--Water-stage recorder. Nonrecording gage prior to Jan. 17, 1960. Datum of gage is 62.72 ft above sea level (levels by the U.S. Army Corps of Engineers). Prior to October 1936, at site 0.5 mi upstream at datum 2.45 ft higher. Jan. 17, 1960, to Aug. 25, 1962, nonrecording gage, and since Aug. 26, 1962, auxiliary water-stage recorder at bridge 10.8 mi downstream.
STAGE-DISCHARGE RELATION.--Defined at present site by current-meter measurements below 115,000 $ft^3/s$. Defined at former site by four discharge measurements made during period 1908-11, stage relation between sites, and discharge records for station on Chattahoochee River at Columbia. Bankfull stage and discharge, 32 ft and 60,000 $ft^3/s$.
REMARKS.--Gage-height record for 1905-36 furnished by the National Weather Service. Peak discharges for 1937, 1938, and 1945-60 estimated, based on station on Chattahoochee River at Columbia, Ala. Peak discharges are slightly regulated by Lake Sidney Lanier, West Point Lake, Bartletts Ferry Reservoir (Lake Harding), and Walter F. George Lake (For flood-control storage capacities, see station 02343500).
HISTORICAL DATA.--Flood of March 1929 is thought to be the highest since 1827, based on information on the Chattahoochee River at Columbus, Ga.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1905 | Feb. 14 | 67,100 | 34.00 | 1928 | Apr. 24 | 104,000 | 39.60 | 1950 | Mar. 07 | 28,300 | -- |
| 1906 | Mar. 23 | 51,400 | 29.70 | 1929 | Mar. 18 | 207,000 | 46.00 | 1951 | Apr. 24 | 28,800 | -- |
| 1907 | Oct. 21 | 44,300 | 26.80 | 1930 | Oct. 03 | 105,000 | 39.10 | 1952 | Mar. 26 | 71,100 | -- |
| 1908 | Apr. 30 | 92,000 | 38.20 | 1931 | Nov. 19 | 74,600 | 34.90 | 1953 | May 04 | 92,000 | -- |
| 1909 | Mar. 16 | 73,500 | 35.30 | 1932 | Feb. 24 | 44,300 | 25.40 | 1954 | Dec. 07 | 57,300 | -- |
| 1910 | Apr. 19 | 46,100 | 27.60 | 1933 | Mar. 22 | 68,500 | 33.20 | 1955 | Apr. 16 | 39,500 | -- |
| 1911 | Jan. 06 | 27,900 | 18.50 | 1934 | Mar. 07 | 64,500 | 33.50 | 1956 | Mar. 19 | 51,200 | -- |
| 1912 | Apr. 23 | 97,600 | 38.90 | 1935 | Mar. 09 | 50,100 | 28.60 | 1957 | Dec. 26 | 55,000 | -- |
| 1913 | Mar. 18 | 110,000 | 40.20 | 1936 | Apr. 12 | 104,000 | 40.50 | 1958 | Mar. 10 | 74,900 | -- |
| 1914 | Apr. 17 | 21,400 | 14.80 | 1937 | Mar. 22 | 57,200 | -- | 1959 | June 04 | 51,700 | -- |
| 1915 | July 05 | 43,700 | 26.50 | 1938 | Apr. 11 | 91,500 | -- | 1960 | Apr. 05 | 84,800 | -- |
| 1916 | July 09 | 162,000 | 44.00 | 1939 | Mar. 03 | 74,500 | 37.30 | 1961 | Mar. 01 | 104,000 | 40.81 |
| 1917 | Mar. 07 | 82,900 | 36.90 | 1940 | Feb. 19 | 48,400 | 30.40 | 1962 | Apr. 15 | 66,700 | 32.96 |
| 1918 | Oct. 01 | 44,800 | 27.00 | 1941 | Mar. 09 | 18,000 | 14.50 | 1963 | Jan. 22 | 55,600 | 30.87 |
| 1919 | Dec. 25 | 116,000 | 40.80 | 1942 | Mar. 25 | 80,300 | 38.30 | 1964 | Apr. 10 | 110,000 | 41.18 |
| 1920 | Dec. 14 | 115,000 | 40.70 | 1943 | Mar. 24 | 112,000 | 42.20 | 1965 | Apr. 10 | 76,200 | 35.80 |
| 1921 | Feb. 13 | 58,300 | 31.90 | 1944 | Apr. 30 | 92,800 | 40.10 | 1966 | Mar. 05 | 102,000 | 40.35 |
| 1922 | Mar. 10 | 87,800 | 37.60 | 1945 | Apr. 28 | 59,600 | -- | 1967 | Jan. 03 | 66,900 | 34.20 |
| 1923 | Mar. 20 | 70,000 | 34.60 | 1946 | Mar. 30 | 72,600 | -- | 1968 | Mar. 14 | 64,800 | 33.77 |
| 1924 | Jan. 26 | 44,800 | 27.00 | 1947 | Mar. 09 | 59,900 | -- | 1969 | Apr. 20 | 68,600 | 34.70 |
| 1925 | Jan. 21 | 173,000 | 44.50 | 1948 | July 14 | 81,200 | -- | 1970 | Mar. 24 | 74,300 | 36.05 |
| 1926 | Apr. 02 | 67,100 | 34.00 | 1949 | Dec. 01 | 110,000 | -- | 1971 | Mar. 06 | 97,900 | 39.99 |
| 1927 | Feb. 17 | 28,300 | 18.70 | | | | | | | | |

## 02344300 CAMP CREEK NEAR FAYETTEVILLE, GEORGIA

LOCATION.--Lat 33°31'00", long 84°25'39", Fayette County, at downstream side of bridge on State Highway 85, 3.5 mi uptream mouth, and 5.2 mi north of Fayetteville.
DRAINAGE AREA.--17.2 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 800 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,000 $ft^3/s$, and above on the basis of straight-line extension.
HISTORICAL DATA.--The flood of February 1961 is thought to be the highest since 1948, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 25 | 2,800 | 9.90 | 1966 | Feb. 13 | 1,390 | 8.81 | 1970 | Mar. 20 | 1,240 | 9.25 |
| 1962 | Feb. 22 | 684 | 7.48 | 1967 | Aug. 24 | 868 | 7.92 | 1971 | Mar. 03 | 1,100 | 9.04 |
| 1963 | Nov. 21 | 680 | 7.55 | 1968 | Mar. 12 | 1,100 | 8.99 | 1972 | Jan. 10 | 1,160 | 9.00 |
| 1964 | Apr. 27 | 1,480 | 8.96 | 1969 | Apr. 18 | 1,020 | 8.90 | 1973 | May. 28 | 1,800 | 9.98 |
| 1965 | Jan. 23 | 600 | 7.34 | | | | | | | | |

## 02344350 FLINT RIVER NEAR LOVEJOY, GEORGIA

LOCATION.--Lat 33°24'56", long 84°23'05", Clayton County, at downstream side of bridge on Hampton Road, 0.7 mi upstream from Shoal Creek, 4.4 mi southwest of Lovejoy, and at mile 325.7.
DRAINAGE AREA.--130 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 758.75 ft above sea level (levels by Clayton County).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,610 $ft^3/s$, and above on the basis of rating-curve extension and flow-over-the-road computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1986 | Dec. 01 | 1,890 | 11.08 | 1988 | Feb. 05 | 2,520 | 12.25 | 1990 | Mar. 17 | 8,090 | 17.76 |
| 1987 | Oct. 15 | 4,690 | 15.16 | 1989 | June 21 | 3,140 | 12.86 | | | | |

## 02344500 FLINT RIVER NEAR GRIFFIN, GEORGIA

LOCATION.--Lat 33°14'39", long 84°25'45", Spalding County, at downstream side of pier of bridge on State Highway 16, 1.5 mi downstream from Shoal Creek, 5.5 mi upstream from Line Creek, 10 mi west of Griffin, and at mile 304.4.
DRAINAGE AREA.--272 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 711.44 ft above sea level (levels by the U.S. Army Corps of Engineers). Prior to Aug. 25, 1938, nonrecording gage at present site at datum 3.00 ft higher. Aug. 25, 1938, to May 5, 1941, nonrecording gage, May 6, 1941, to Aug. 20, 1959, water-stage recorder, and Aug. 21, 1959, to Sept. 13, 1960, nonrecording gage, all at present site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 12,600 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 10 ft and 1,500 $ft^3/s$.
HISTORICAL DATA.--Flood stage for 1929 based on floodmark furnished by local resident, and is thought to be the highest since 1919, on the basis of information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. 14 | 15,300 | 17.90c | 1955 | Apr. 14 | 2,370 | 10.66 | 1973 | Dec. 15 | 5,540 | 13.21 |
| 1937 | May. 01 | 2,980 | 11.40 | 1956 | Mar. 18 | 4,590 | 12.66 | 1974 | Jan. 03 | 3,110 | 11.51 |
| 1938 | Apr. 03 | 5,200 | 13.00 | 1957 | Apr. 05 | 5,330 | 13.20 | 1975 | Apr. 03 | 7,470 | 14.30 |
| 1939 | Feb. 28 | 3,650 | 12.00 | 1958 | Feb. 07 | 4,730 | 12.80 | 1976 | Mar. 17 | 9,240 | 15.02 |
| 1940 | July 12 | 2,080 | 10.60 | 1959 | June 02 | 5,180 | 13.10 | 1977 | Mar. 31 | 3,390 | 12.06 |
| 1941 | Mar. 28 | 1,040 | 9.00 | 1960 | Apr. 04 | 4,730 | 12.80 | 1978 | Nov. 06 | 5,420 | 13.21 |
| 1942 | Mar. 22 | 13,000 | 17.00 | 1961 | Feb. 26 | 11,100 | 16.18 | 1979 | Apr. 15 | 6,380 | 13.87 |
| 1943 | Jan. 19 | 6,310 | 13.80 | 1962 | Feb. 23 | 3,900 | 12.39 | 1980 | Mar. 30 | 4,620 | 12.75 |
| 1944 | Mar. 23 | 4,170 | 12.40 | 1963 | June 20 | 4,850 | 12.88 | 1981 | Feb. 13 | 5,320 | 12.82 |
| 1945 | Apr. 25 | 7,750 | 14.60 | 1964 | Apr. 28 | 5,810 | 13.46 | 1982 | Feb. 05 | 4,430 | 12.74 |
| 1946 | Jan. 07 | 9,350 | 15.40 | 1965 | Dec. 27 | 2,880 | 11.37 | 1983 | Mar. 07 | 4,530 | 12.80 |
| 1947 | Mar. 08 | 5,490 | 13.30 | 1966 | Feb. 13 | 7,520 | 14.48 | 1984 | Dec. 06 | 3,000 | 11.82 |
| 1948 | May. 31 | 4,170 | 12.40 | 1967 | Aug. 26 | 3,880 | 12.34 | 1985 | Feb. 06 | 3,280 | 12.07 |
| 1949 | Nov. 27 | 13,200 | 18.00 | 1968 | Mar. 14 | 4,550 | 12.82 | 1986 | Dec. 02 | 2,080 | 10.87 |
| 1950 | Feb. 11 | 875 | 8.97 | 1969 | Apr. 20 | 4,170 | 12.50 | 1987 | Mar. 01 | 4,120 | 12.52 |
| 1951 | Apr. 23 | 920 | 8.78 | 1970 | Mar. 22 | 6,820 | 14.12 | 1988 | Feb. 06 | 3,000 | 11.82 |
| 1952 | Mar. 04 | 6,480 | 13.90 | 1971 | Mar. 03 | 12,300 | 16.70 | 1989 | June 22 | 3,390 | 12.16 |
| 1953 | May. 01 | 2,860 | 11.55 | 1972 | Jan. 11 | 7,850 | 14.46 | 1990 | Mar. 17 | 11,500 | 16.20 |
| 1954 | Dec. 07 | 2,640 | 11.14 | | | | | | | | |

## 02344700 LINE CREEK NEAR SENOIA, GEORGIA

LOCATION.--Lat 33°19'10", long 84°31'25", Coweta-Fayette County line, on downstream side of bridge on State Highway 85, 2.2 mi northeast of Senoia, 4.1 mi upstream from Whitewater Creek, and 11.2 mi upstream from mouth.
DRAINAGE AREA.--101 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 729.27 ft above sea level (levels by Global Positioning System).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,500 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 8 ft and 760 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Jan. 24 | 1,660 | 10.40 | 1974 | Jan. 01 | 1,410 | 9.39 | 1983 | Apr. 09 | 2,240 | 10.61 |
| 1966 | Feb. 14 | 4,380 | 12.27 | 1975 | Apr. 03 | 2,050 | 9.99 | 1984 | Dec. 04 | 1,850 | 9.93 |
| 1967 | Oct. 24 | 2,540 | 10.76 | 1976 | Mar. 16 | 6,260 | 13.38 | 1985 | Feb. 06 | 1,950 | 10.07 |
| 1968 | Mar. 13 | 3,160 | 11.33 | 1977 | Mar. 31 | 3,020 | 11.28 | 1986 | Dec. 01 | 660 | 7.40 |
| 1969 | Apr. 19 | 3,200 | 11.36 | 1978 | Nov. 05 | 9,580 | 14.88 | 1987 | Mar. 01 | 1,590 | 9.52 |
| 1970 | Mar. 20 | 4,180 | 12.03 | 1979 | Apr. 14 | 4,910 | 12.65 | 1988 | Feb. 05 | 2,030 | 10.18 |
| 1971 | Mar. 03 | 4,950 | 12.63 | 1980 | Mar. 29 | 2,450 | 10.65 | 1989 | Apr. 06 | 1,560 | 9.47 |
| 1972 | Jan. 11 | 4,700 | 12.47 | 1981 | Feb. 11 | 3,360 | 11.89 | 1990 | Mar. 17 | 7,290 | 13.84 |
| 1973 | Feb. 02 | 3,630 | 11.69 | 1982 | Feb. 04 | 2,900 | 11.23 | | | | |

## 02345000 FLINT RIVER NEAR MOLENA, GEORGIA

LOCATION.--Lat 32°59'21", long 84°31'45", Pike County, on downstream side of bridge on State Highway 18, 500 ft downstream from Southern Railway bridge, 0.5 mi downstream from Poppys Creek, 1.8 mi upstream from Elkins Creek, 2 mi southwest of Molena, and at mile 278.1.
DRAINAGE AREA.--990 $mi^2$, approximately.
GAGE.--Nonrecording prior to December 1945; water-stage recorder thereafter. Datum of gage is 646.78 ft above sea level (levels by U.S. Army Corps of Engineers).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 30,000 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 14 ft and 9,000 $ft^3/s$.
HISTORICAL DATA.--The peak discharge for 1929 is thought to be the highest since 1897, based on information at Flint River at Montezuma (02349500).
REMARKS.--Records for 1900-27 estimated from gaging station on Flint River at Woodbury (drainage area, 1,090 $mi^2$, approximately). The peak stage for the 1929 flood furnished by the Georgia Department of Transportation. Records for 1939-43 furnished by the U.S. Army Corps of Engineers.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1900 | June 24 | 15,800 | -- | 1914 | Apr. 15 | 6,770 | -- | 1929 | Mar. 15 | 42,000 | 29.80c |
| 1901 | May. 23 | 18,200 | -- | 1915 | Dec. 05 | 10,700 | -- | 1939 | Mar. 31 | 16,400 | 18.90 |
| 1902 | Feb. 28 | 30,200 | -- | 1916 | July 10 | 26,100 | -- | 1940 | July 11 | 7,680 | 12.60 |
| 1903 | Feb. 08 | 25,800 | -- | 1917 | Mar. 05 | 18,100 | -- | 1941 | Mar. 28 | 2,300 | 8.00 |
| 1904 | Aug. 08 | 15,000 | -- | 1918 | Jan. 31 | 8,320 | -- | 1942 | Mar. 23 | 24,500 | 23.30 |
| 1905 | Feb. 14 | 9,100 | -- | 1919 | Dec. 24 | 19,100 | -- | 1943 | Jan. 20 | 17,100 | 19.30 |
| 1906 | Mar. 21 | 12,800 | -- | 1920 | Dec. 11 | 38,400 | -- | 1946 | Jan. 08 | 21,800 | 21.70 |
| 1907 | Feb. 07 | 6,520 | -- | 1921 | Feb. 11 | 17,800 | -- | 1947 | Mar. 08 | 16,200 | 18.80 |
| 1908 | Apr. 27 | 16,200 | -- | 1922 | Mar. 11 | 23,900 | -- | 1948 | July 11 | 28,400 | 24.70 |
| 1909 | Mar. 13 | 19,200 | -- | 1923 | Mar. 13 | 17,800 | -- | 1949 | Nov. 27 | 31,100 | 25.90 |
| 1910 | Mar. 01 | 8,450 | -- | 1924 | Jan. 17 | 7,530 | -- | 1950 | Mar. 06 | 4,140 | 9.67 |
| 1911 | Aug. 03 | 5,820 | -- | 1925 | Jan. 19 | 37,200 | -- | 1951 | Apr. 23 | 3,780 | 9.28 |
| 1912 | Mar. 16 | 26,300 | -- | 1926 | Apr. 01 | 12,600 | -- | 1952 | Mar. 05 | 17,400 | 19.50 |
| 1913 | Mar. 15 | 35,300 | -- | 1927 | Mar. 11 | 6,400 | -- | 1953 | May 01 | 10,700 | 14.90 |

## 02345500 FLINT RIVER NEAR WOODBURY, GEORGIA

LOCATION.--Lat 32°57'59", long 84°31'58", Meriwether County, on downstream side of Macon and Birmingham Railroad bridge (abandoned), 0.2 mi downstream from Elkins Creek, 0.3 mi upstream from Cane Creek, 3 mi east of Woodbury, and at mile 276.1.
DRAINAGE AREA.--1,090 $mi^2$, approximately (revised).
GAGE.--Nonrecording. Prior to May 24, 1918, at site 300 ft upstream. Datum of gage is 649 ft above sea level (from the U.S. Army Corps of Engineers low-water profile).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 20,000 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 9 ft and 16,000 $ft^3/s$.
REMARKS.--Stage records for 1921-27 furnished by the National Weather Service. All peak discharges are maximum daily.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1900 | June 24 | 15,800 | 9.00 | 1910 | Mar. 01 | 8,450 | 6.00 | 1919 | Dec. 24 | 19,100 | 10.50 |
| 1901 | May. 23 | 18,200 | 10.00 | 1911 | Aug. 03 | 5,820 | 4.60 | 1920 | Dec. 11 | 38,400 | 17.10 |
| 1902 | Feb. 28 | 30,200 | 14.00 | 1912 | Mar. 16 | 26,300 | 13.00 | 1921 | Feb. 11 | 17,800 | 10.00 |
| 1903 | Feb. 08 | 25,800 | 13.00 | 1913 | Mar. 15 | 35,300 | 16.20 | 1922 | Mar. 11 | 23,900 | 12.20 |
| 1904 | Aug. 08 | 15,000 | 8.70 | 1914 | Apr. 15 | 6,770 | 5.30 | 1923 | Mar. 13 | 17,800 | 10.00 |
| 1905 | Feb. 14 | 9,100 | 6.30 | 1915 | Dec. 05 | 10,700 | 7.20 | 1924 | Jan. 17 | 7,530 | 5.60 |
| 1906 | Mar. 21 | 12,800 | 7.80 | 1916 | July 10 | 26,100 | 13.00 | 1925 | Jan. 19 | 37,200 | 16.70 |
| 1907 | Feb. 07 | 6,520 | 5.00 | 1917 | Mar. 05 | 18,100 | 10.10 | 1926 | Apr. 01 | 12,600 | 7.90 |
| 1908 | Apr. 27 | 16,200 | 9.20 | 1918 | Jan. 31 | 8,320 | 6.00 | 1927 | Mar. 11 | 6,400 | 5.00 |
| 1909 | Mar. 13 | 19,200 | 10.40 | | | | | | | | |

## 02346180 FLINT RIVER NEAR THOMASTON, GEORGIA

LOCATION.--Lat 32°50'20", long 84°25'27", Upson-Talbot County line, at downstream end of left bank pier of bridge on State Highway 36, 2.5 mi upstream from Lazar Creek, and 7.8 mi west of Thomaston.
DRAINAGE AREA.--1,220 $mi^2$, approximately.
GAGE.--Crest-stage gage prior to 1967, at site 100 ft downstream and at datum 11.40 ft lower. Water-stage recorder thereafter. Datum of gage is 490.00 ft above sea level (levels from the U.S. Army Corps of Engineers). All gage readings have been adjusted to present datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 29,200 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 12 ft and 9,000 $ft^3/s$.
HISTORICAL DATA.--Peak discharge for 1949 thought to be the highest since 1929, based on information at nearby stations. The peak stage for the 1949 flood provided by local residents.
REMARKS.--Records for 1967-74 furnished by the U.S. Army Corps of Engineers.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1949 | Nov. 28 | 39,000 | 19.30 | 1971 | Mar. 03 | 34,400 | 18.40 | 1981 | Feb. 12 | 17,500 | 14.63 |
| 1950 | Mar. 06 | 5,000 | 10.40 | 1972 | Jan. 13 | 20,500 | 15.27 | 1982 | Apr. 21 | 16,200 | 14.31 |
| 1952 | Mar. 05 | 25,500 | 16.50 | 1973 | Apr. 08 | 14,200 | 13.58 | 1983 | Apr. 09 | 21,600 | 15.66 |
| 1953 | May. 01 | 16,400 | 14.40 | 1974 | Feb. 16 | 17,400 | 14.49 | 1984 | Dec. 05 | 11,800 | 13.10 |
| 1954 | Dec. 07 | 15,900 | 14.25 | 1975 | Apr. 04 | 24,900 | 16.35 | 1985 | Feb. 07 | 13,200 | 13.49 |
| 1955 | Apr. 14 | 9,900 | 12.40 | 1976 | Mar. 18 | 22,200 | 15.99 | 1986 | Dec. 01 | 6,940 | 11.46 |
| 1956 | Mar. 16 | 16,000 | 14.30 | 1977 | Apr. 01 | 15,000 | 13.74 | 1987 | Mar. 01 | 11,500 | 13.01 |
| 1967 | Aug. 27 | 9,700 | 12.20 | 1978 | Jan. 26 | 19,200 | 15.28 | 1988 | Feb. 07 | 7,110 | 11.41 |
| 1968 | Mar. 12 | 17,700 | 14.57 | 1979 | Feb. 25 | 15,400 | 14.19 | 1989 | Apr. 06 | 8,190 | 11.75 |
| 1969 | Apr. 19 | 15,200 | 13.87 | 1980 | Mar. 09 | 21,900 | 15.92 | 1990 | Mar. 17 | 29,200 | 17.35 |
| 1970 | Mar. 22 | 22,700 | 15.82 | | | | | | | | |

## 02346193 SCOTT CREEK NEAR TALBOTTON, GEORGIA

LOCATION.--Lat 32°39'48", long 84°36'06", Talbot County, at culvert on county road 76, 4.2 mi west of Talbotton.
DRAINAGE AREA.--3.36 $mi^2$.
GAGE.--Flood-stage, rainfall recorder prior to Sept. 30, 1975. Crest-stage gage thereafter. Datum of gage is about 600 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 322 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1969 | Apr. 18 | 1,870 | 7.99 | 1976 | Mar. 16 | 548 | 5.94 | 1983 | Dec. 06 | 488 | 5.67 |
| 1970 | Mar. 20 | 1,450 | 7.59 | 1977 | Mar. 22 | 667 | 6.38 | 1984 | Dec. 12 | 234 | 3.98 |
| 1971 | Mar. 03 | 1,320 | 7.44 | 1978 | Jan. 25 | 868 | 6.89 | 1985 | Feb. 06 | 478 | 5.62 |
| 1972 | Mar. 16 | 285 | 4.04 | 1979 | Apr. 04 | 652 | 6.33 | 1986 | Mar. 13 | 1,340 | 7.49 |
| 1973 | Apr. 07 | 742 | 6.61 | 1980 | Mar. 08 | 838 | 6.83 | 1987 | Feb. 28 | 327 | 4.79 |
| 1974 | Apr. 04 | 566 | 5.93 | 1981 | Apr. 01 | 1,960 | 8.07 | 1990 | Mar. 16 | 1,880 | 8.01c |
| 1975 | Feb. 17 | 847 | 6.94 | 1982 | Feb. 03 | 538 | 5.90 | | | | |

## 02346195 LAZAR CREEK NEAR TALBOTTON, GEORGIA

LOCATION.--Lat 32°44'33", long 84°33'20", Talbot County, at bridge on State Highway 41, 5 mi north of Talbotton.
DRAINAGE AREA.--81.3 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 499 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,530 $ft^3/s$, and extended above on the basis of contracted-opening determination at 36,100 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1981 | Apr. 01 | 3,330 | 14.42c | 1986 | Mar. 13 | 3,750 | 15.50 | 1989 | June 21 | 3,090 | 13.78 |
| 1984 | Dec. 12 | 2,770 | 12.90 | 1987 | Mar. 01 | 2,430 | 11.96 | 1990 | Mar. 17 | 36,100 | 24.10 |
| 1985 | Feb. 06 | 3,540 | 14.96 | 1988 | Apr. -- | 1,570 | --b | | | | |

## 02346210 KIMBROUGH CREEK NEAR TALBOTTON, GEORGIA

LOCATION.--Lat 32°41'19", long 84°30'48", Talbot County, at culvert on U.S. Highway 80 and State Highway 22, 1.8 mi northeast of Talbotton.
DRAINAGE AREA.--6.62 $mi^2$.
GAGE.--Flood-stage, rainfall recorder prior to June 26, 1970; water-stage, rainfall recorder from June 26, 1970 to Sept. 30, 1975, crest-stage gage thereafter. Datum of gage is 561.59 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 460 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1969 | Apr. 18 | 1,800 | 6.31 | 1976 | Jan. 28 | 314 | 2.28 | 1983 | Dec. 06 | 670 | 3.67 |
| 1970 | Mar. 19 | 1,320 | 5.19 | 1977 | Aug. 03 | 708 | 3.58 | 1984 | Feb. 14 | 850 | 4.16 |
| 1971 | Mar. 25 | 841 | 3.96 | 1978 | Jan. 25 | 1,120 | 4.70 | 1985 | Feb. 06 | 650 | 3.95 |
| 1972 | Jan. 13 | 279 | 2.14 | 1979 | Feb. 24 | 953 | 4.28 | 1986 | Mar. 13 | 1,250 | 5.54 |
| 1973 | Apr. 07 | 925 | 4.20 | 1980 | Mar. 08 | 1,300 | 5.41 | 1987 | Mar. 01 | 477 | 2.88 |
| 1974 | Apr. 04 | 642 | 3.39 | 1981 | Apr. 01 | 2,000 | 6.66 | 1990 | Mar. 16 | 3,050 | 8.55 |
| 1975 | Feb. 17 | 1,170 | 4.83 | 1982 | Feb. 03 | 900 | 4.35 | | | | |

## 02346217 COLEOATCHEE CREEK NEAR MANCHESTER, GEORGIA
(formerly published as "Celeoth Creek near Manchester, Georgia)

LOCATION.--Lat 32°49'20", long 84°36'16", Talbot County, at culvert on county road 39, 1.2 mi south of Manchester (revised).
DRAINAGE AREA.--2.82 $mi^2$.
GAGE.--Flood-stage, rainfall recorder prior to Sept. 30, 1975, crest-stage gage thereafter. Datum of gage is about 779 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 86 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Record unavailable Oct. 7, 1986 to Oct. 1, 1987, owing to vandalism.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1969 | Mar. 03 | 375 | 2.53 | 1976 | Sept.30 | 702 | 3.75 | 1983 | Apr. 08 | 640 | 3.50 |
| 1970 | Mar. 20 | 96 | 1.40 | 1977 | Aug. 03 | 531 | 3.09 | 1984 | Dec. 12 | 78 | 1.28 |
| 1971 | Aug. 21 | 1,020 | 4.93 | 1978 | Jan. 25 | 433 | 2.74 | 1985 | Feb. 06 | 146 | 1.68 |
| 1972 | Jan. -- | -- | 8.0b | 1979 | Feb. 24 | 122 | 1.55 | 1986 | June 10 | 170 | 1.80 |
| 1973 | Mar. 31 | 322 | 2.34 | 1980 | Mar. 08 | 705 | 3.76 | 1988 | Mar. -- | -- | 8.00b |
| 1974 | Feb. 14 | 227 | 2.00 | 1981 | Feb. 11 | 266 | 2.14 | 1989 | Mar. -- | -- | 8.00b |
| 1975 | Apr. 02 | 509 | 3.01 | 1982 | Feb. 03 | 238 | 2.04 | 1990 | Mar. 16 | 1,750 | 8.31 |

## 02346500 POTATO CREEK NEAR THOMASTON, GEORGIA

LOCATION.--Lat 32°54'15", long 84°21'45", Upson County, on right bank 300 ft downstream from State Highway 74, 600 ft downstream from Basin Creek, 1,000 ft downstream from Central of Georgia Railway bridge, 1 mi downstream from Ten Mile Creek, and 2.5 mi northwest of Thomaston.
DRAINAGE AREA.--186 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 605.07 ft above sea level (from city of Thomaston benchmark). Prior to July 23, 1938, nonrecording gage at highway bridge 300 ft upstream at same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,000 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 6 ft and 3,000 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Apr. 08 | 4,640 | 6.85 | 1951 | Apr. 24 | 997 | 4.51 | 1963 | Jan. 20 | 3,400 | 6.18 |
| 1939 | Feb. 28 | 4,000 | 6.47 | 1952 | Mar. 05 | 5,810 | 7.30 | 1964 | Apr. 08 | 6,400 | 7.39 |
| 1940 | Jan. 14 | 1,750 | 5.19 | 1953 | Apr. 30 | 4,240 | 6.65 | 1965 | Dec. 27 | 2,120 | 5.44 |
| 1941 | July 13 | 1,450 | 4.97 | 1954 | Dec. 06 | 2,300 | 5.59 | 1966 | Feb. 13 | 6,780 | 7.54 |
| 1942 | Mar. 22 | 6,030 | 7.46 | 1955 | Apr. 15 | 1,580 | 4.95 | 1967 | Sept.09 | 6,000 | 7.27 |
| 1943 | Mar. 22 | 4,740 | 6.90 | 1956 | Feb. 28 | 2,590 | 5.72 | 1968 | Mar. 12 | 4,780 | 6.79 |
| 1944 | Mar. 20 | 6,380 | 7.63 | 1957 | Apr. 06 | 3,670 | 6.35 | 1969 | Apr. 20 | 2,920 | 5.88 |
| 1945 | Apr. 26 | 3,140 | 6.03 | 1958 | Nov. 19 | 5,260 | 7.16 | 1970 | Mar. 22 | 5,160 | 6.94 |
| 1946 | Jan. 08 | 3,580 | 6.32 | 1959 | June 02 | 5,480 | 7.25 | 1971 | Mar. 03 | 10,600 | 8.81 |
| 1947 | Mar. 08 | 4,640 | 6.85 | 1960 | Mar. 30 | 2,980 | 5.95 | 1972 | June 29 | 1,820 | 5.14 |
| 1948 | Feb. 09 | 2,400 | 5.62 | 1961 | Feb. 25 | 8,450 | 8.50 | 1973 | Mar. 16 | 2,370 | 5.55 |
| 1949 | Nov. 27 | 9,240 | 8.80 | 1962 | Mar. 12 | 3,760 | 6.40 | 1990 | Mar. 18 | 12,300 | 9.19c |
| 1950 | Mar. 07 | 1,500 | 4.89 | | | | | | | | |

## 02347500 FLINT RIVER NEAR CULLODEN, GEORGIA

LOCATION.--Lat 32°43'17", long 84°13'57", Taylor-Upson County line, on left bank underneath bridge on U.S. Highway 19, 4 mi upstream from Auchumpkee Creek, 5 mi downstream from Swift Creek, 13 mi southwest of Culloden, and at mile 238.4.
DRAINAGE AREA.--1,850 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 334.54 ft above sea level (levels from U.S. Coast and Geodetic benchmark), supplementary adjustment of 1936. July 1, 1911, to Oct. 11, 1918, nonrecording gage and Oct. 12, 1918, to May 31, 1923, water-stage recorder, at site 2.5 mi downstream at different datum. July 21, 1928, to Dec. 31, 1931, and Mar. 18, 1937, to May 3, 1939, nonrecording gage at present site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 85,600 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 18 ft and 18,000 $ft^3/s$.
HISTORICAL DATA.--The flood of 1929 is thought to be the highest since 1897 based on records at Flint River at Montezuma (02395000).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1913 | Mar. 16 | 59,000 | 30.50 | 1946 | Jan. 08 | 27,000 | 23.40 | 1969 | Apr. 18 | 27,200 | 22.88 |
| 1914 | Apr. 15 | 7,290 | 7.30 | 1947 | Mar. 08 | 28,400 | 24.10 | 1970 | Mar. 22 | 30,900 | 24.53 |
| 1915 | Jan. 18 | 13,900 | 12.00 | 1948 | July 12 | 27,800 | 23.80 | 1971 | Mar. 03 | 64,600 | 34.39 |
| 1916 | July 09 | 69,200 | 33.30 | 1949 | Nov. 28 | 54,900 | 34.70 | 1972 | Jan. 14 | 24,200 | 21.42 |
| 1917 | Mar. 05 | 30,200 | 20.70 | 1950 | Mar. 05 | 11,000 | 13.80 | 1973 | Apr. 08 | 22,900 | 20.72 |
| 1918 | Jan. 31 | 11,000 | 10.10 | 1951 | Apr. 23 | 8,940 | 12.00 | 1974 | Feb. 16 | 23,200 | 20.88 |
| 1919 | Feb. 25 | 45,500 | 26.50 | 1952 | Mar. 04 | 37,700 | 28.20 | 1975 | Apr. 04 | 35,500 | 26.18 |
| 1920 | Dec. 11 | 49,100 | 27.60 | 1953 | May 01 | 35,800 | 27.60 | 1976 | Mar. 18 | 23,100 | 20.86 |
| 1921 | Feb. 11 | 27,200 | 19.30 | 1954 | Dec. 06 | 18,300 | 18.80 | 1977 | Mar. 22 | 21,700 | 20.09 |
| 1922 | Mar. 11 | 47,800 | 27.20 | 1955 | Apr. 14 | 11,400 | 14.10 | 1978 | Jan. 26 | 38,800 | 27.25 |
| 1923 | Mar. 19 | 29,100 | 20.20 | 1956 | Mar. 17 | 16,000 | 17.40 | 1979 | Feb. 24 | 31,100 | 24.62 |
| 1929 | Mar. 15 | 92,000 | 38.40 | 1957 | Apr. 06 | 26,000 | 22.90 | 1980 | Mar. 09 | 33,800 | 25.65 |
| 1930 | Oct. 02 | 38,900 | 25.20 | 1958 | Nov. 19 | 21,100 | 20.40 | 1981 | Feb. 11 | 36,000 | 26.33 |
| 1931 | Nov. 17 | 18,700 | 17.90 | 1959 | June 02 | 34,400 | 26.80 | 1982 | Feb. 03 | 22,300 | 20.41 |
| 1937 | Mar. 20 | 22,200 | 19.10 | 1960 | Mar. 30 | 22,200 | 21.00 | 1983 | Apr. 10 | 31,000 | 24.60 |
| 1938 | Apr. 09 | 37,500 | 26.60 | 1961 | Feb. 25 | 58,200 | 32.80 | 1984 | Dec. 05 | 14,300 | 15.54 |
| 1939 | Mar. 01 | 29,200 | 23.50 | 1962 | Feb. 22 | 25,100 | 22.43 | 1985 | Feb. 06 | 24,400 | 21.51 |
| 1940 | Feb. 19 | 12,300 | 15.00 | 1963 | Jan. 21 | 26,700 | 23.08 | 1986 | Mar. 19 | 16,500 | 17.02 |
| 1941 | Dec. 28 | 4,940 | 8.40 | 1964 | Apr. 08 | 64,400 | 34.36 | 1987 | Mar. 01 | 21,700 | 20.09 |
| 1942 | Mar. 22 | 37,200 | 27.80 | 1965 | Dec. 25 | 39,400 | 27.47 | 1988 | Jan. 20 | 11,300 | 13.32 |
| 1943 | Jan. 19 | 36,000 | 29.60 | 1966 | Feb. 14 | 42,400 | 28.45 | 1989 | July 04 | 12,900 | 14.53 |
| 1944 | Mar. 20 | 49,800 | 31.30 | 1967 | Dec. 29 | 12,700 | 14.21 | 1990 | Mar. 17 | 80,000 | 38.00 |
| 1945 | Apr. 27 | 23,800 | 21.80 | 1968 | Mar. 13 | 33,600 | 25.52 | | | | |

02348300 PATSILIGA CREEK NEAR REYNOLDS, GEORGIA

LOCATION.--Lat 32°34'20", long 84°05'27", Taylor County, at State Highway 128, 1 mi north of Reynolds.
DRAINAGE AREA.--139 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 313 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,320 $ft^3/s$. Bankfull stage and discharge, 7 ft and 750 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | Jan. 21 | 1,590 | 7.87 | 1971 | Mar. 03 | 2,100 | 7.94 | 1978 | Jan. 26 | 2,000 | 7.87 |
| 1964 | Apr. 09 | 3,320 | 9.09 | 1972 | Jan. 14 | 648 | 6.37 | 1979 | June 01 | 2,800 | 8.37 |
| 1965 | Dec. 26 | 1,590 | 7.87 | 1973 | Apr. 07 | 1,270 | 7.27 | 1980 | Mar. 14 | 1,170 | 7.16 |
| 1966 | Mar. 04 | 3,200 | 8.55 | 1974 | Apr. 05 | 984 | 6.93 | 1981 | Apr. 02 | 2,800 | 8.37 |
| 1967 | Feb. 07 | 920 | 6.85 | 1975 | Feb. 18 | 1,610 | 7.59 | 1982 | Jan. 01 | 2,840 | 8.39 |
| 1968 | Dec. 29 | 377 | 5.59 | 1976 | July 01 | 1,400 | 7.40 | 1983 | Mar. 08 | 984 | 6.93 |
| 1969 | Apr. 19 | 760 | 6.58 | 1977 | Apr. 01 | 850 | 6.75 | 1984 | Mar. 07 | 888 | 6.81 |
| 1970 | Mar. 30 | 1,620 | 7.56 | | | | | | | | |

02348485 WHITEWATER CREEK NEAR BUTLER, GEORGIA

LOCATION.--Lat 32°30'14", long 84°20'03", Taylor County, at bridge on State Highway 137, 6.5 mi southwest of Butler.
DRAINAGE AREA.--17.3 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 403 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 243 $ft^3/s$, and extended above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Feb. 24 | 111 | 7.02 | 1983 | Mar. 06 | 138 | 7.46 | 1987 | Nov. 30 | 122 | 7.21 |
| 1980 | Mar. 13 | 141 | 7.51 | 1984 | Mar. 06 | 106 | 6.94 | 1988 | Jan. 19 | 64 | 5.97 |
| 1981 | Apr. 01 | 248 | 8.74 | 1985 | May. 08 | 7,4.0 | 6.25 | 1989 | July 20 | 60 | 5.86 |
| 1982 | Apr. 06 | 141 | 7.51 | 1986 | Dec. 13 | 9,3.0 | 6.68 | 1990 | Mar. 17 | 244 | 8.72 |

## 02349000 WHITEWATER CREEK BELOW RAMBULETTE CREEK, NEAR BUTLER, GEORGIA

LOCATION.--Lat 32°28'00", long 84°15'58", Taylor County, on left bank 500 ft downstream from bridge on U.S. Highway 19, at mouth of Rambulette Creek, and 6.5 mi south of Butler.
DRAINAGE AREA.--93.4 $mi^2$. At former site, 80 $mi^2$.
GAGE.--Nonrecording prior to Oct. 10, 1951 at different datum of former site, 500 ft upstream; water-stage recorder, Oct. 10, 1951 to Sept. 30, 1971; crest-stage gage thereafter. Datum of gage is 365.85 ft above sea level (levels from U.S. Coast and Geodetic benchmark), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,300 $ft^3/s$, and extended above on the basis of straight-line extension. Peak discharge at former site adjusted to present site on basis of high-water discharge measurements made since 1952. Bankfull stage and discharge, 3 ft and 300 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1944 | Mar. 23 | 1,400 | 6.50 | 1956 | Sept.26 | 440 | 3.82 | 1968 | Nov. 02 | 268 | 2.73 |
| 1945 | Feb. 21 | 350 | 3.80 | 1957 | May. 04 | 2,160 | 7.01 | 1969 | May. 19 | 245 | 2.52 |
| 1946 | Dec. 25 | 460 | 4.30 | 1958 | Mar. 08 | 668 | 4.55 | 1970 | Mar. 31 | 328 | 3.19 |
| 1947 | May. 21 | 400 | 4.00 | 1959 | June 02 | 580 | 4.32 | 1971 | Dec. 17 | 403 | 3.64 |
| 1948 | July 10 | 545 | 4.60 | 1960 | Mar. 30 | 615 | 4.38 | 1972 | June 29 | 368 | 3.45 |
| 1949 | Nov. 29 | 610 | 4.80 | 1961 | Feb. 20 | 452 | 3.84 | 1973 | Dec. 06 | 588 | 4.39 |
| 1950 | June 29 | 325 | 3.50 | 1962 | Mar. 12 | 478 | 3.94 | 1974 | Apr. 05 | 316 | 3.11 |
| 1951 | Dec. 30 | 300 | 3.30 | 1963 | Jan. 21 | 668 | 4.54 | 1975 | Apr. 15 | 884 | 5.24 |
| 1952 | Mar. 24 | 503 | 4.06 | 1964 | Apr. 09 | 895 | 5.08 | 1976 | June 04 | 898 | 5.27 |
| 1953 | May. 01 | 1,120 | 5.54 | 1965 | Oct. 05 | 765 | 4.80 | 1977 | Apr. 01 | 485 | 3.98 |
| 1954 | Dec. 04 | 632 | 4.43 | 1966 | Mar. 04 | 1,230 | 5.87 | 1981 | Apr. 01 | 846 | 5.14c |
| 1955 | Apr. 14 | 452 | 3.87 | 1967 | June 05 | 399 | 3.62 | | | | |

## 02349030 CEDAR CREEK NEAR RUPERT, GEORGIA

LOCATION.--Lat 32°23'21", long 84°17'49", Taylor County, at bridge on State Highway 19, 3 mi south of Rupert.
DRAINAGE AREA.--41.1 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 390 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 418 $ft^3/s$, and extended above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Feb. 24 | 580 | 4.72 | 1983 | Mar. 06 | 464 | 4.27 | 1987 | Nov. 30 | 209 | 2.86 |
| 1980 | Mar. 13 | 290 | 3.40 | 1984 | Feb. 12 | 194 | 2.76 | 1988 | Jan. 20 | 116 | 2.30 |
| 1981 | Apr. 01 | 432 | 4.11 | 1985 | May. 08 | 210 | 2.87 | 1989 | Apr. 06 | 117 | 2.31 |
| 1982 | Feb. 04 | 290 | 3.40 | 1986 | Nov. 22 | 140 | 2.39 | 1990 | Oct. 01 | 496 | 4.40 |

02349330 BUCK CREEK TRIBUTARY NEAR TAZEWELL, GEORGIA

LOCATION.--Lat 32°20'49", long 84°22'26", Schley County, at culvert on State Highway 240, 4.3 mi west of Tazewell.
DRAINAGE AREA.--0.4 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is about 495 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Aug. 19 | 28.0 | 2.28 | 1982 | July 09 | 27.0 | 2.23 | 1987 | Nov. 30 | 44 | 2.80 |
| 1978 | Aug. 12 | 53.0 | 3.09 | 1983 | Mar. 06 | 84.0 | 3.90 | 1988 | Feb. 04 | 25 | 2.12 |
| 1979 | Mar. 25 | 78.0 | 3.75 | 1984 | Feb. 12 | 22.0 | 2.05 | 1989 | June 20 | 24 | 2.22 |
| 1980 | Mar. 13 | 15.0 | 1.70 | 1985 | Aug. 29 | 44.0 | 2.80 | 1990 | Oct. 01 | 103 | 4.37 |
| 1981 | Apr. 01 | 56.0 | 3.20 | 1986 | Aug. 12 | 29.0 | 2.31 | | | | |

02349350 BUCK CREEK NEAR ELLAVILLE, GEORGIA

LOCATION.--Lat 32°18'35", long 84°17'36", Schley County, at bridge on U.S. Highway 19, 5 mi north of Ellaville.
DRAINAGE AREA.--146 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is about 350 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,200 $ft^3/s$, and extended above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Feb. 25 | 1,490 | 7.83 | 1983 | Mar. 06 | 2,050 | 8.52 | 1987 | Mar. 01 | 565 | 6.53 |
| 1980 | Apr. 14 | 1,300 | 7.59 | 1984 | Mar. 06 | 635 | 6.67 | 1988 | Apr. 17 | 146 | 4.13 |
| 1981 | Apr. 02 | 1,900 | 8.34 | 1985 | Feb. 07 | 640 | 6.68 | 1989 | July 20 | 197 | 4.64 |
| 1982 | Feb. 06 | 1,280 | 7.57 | 1986 | Nov. 22 | 316 | 5.47 | 1990 | Mar. 17 | 3,730 | 9.67 |

## 02349500 FLINT RIVER AT MONTEZUMA, GEORGIA

LOCATION.--Lat 32°17'53", long 84°02'38", Macon County, near left bank on downstream end of pier of bridge on State Highways 26 and 49, 1,000 ft upstream from Central of Georgia Railway bridge, 1,400 ft upstream from Seaboard Coast Line Railroad bridge, just upstream from Buck Creek, 1 mi west of Montezuma, and at mile 180.6.

DRAINAGE AREA.--2,900 $mi^2$, approximately. At site used prior to October 1925, 2,640 $mi^2$, approximately includes that of Buck Creek.

GAGE.--Nonrecording prior to Dec. 13, 1941; water-stage recorder thereafter. Prior to October 1925, at site 1.5 mi upstream at same datum. From Dec. 13, 1941 to Oct. 25, 1955, at site 500 ft downstream at same datum. Datum of gage is 255.83 ft above sea level (from U.S. Coast and Geodetic benchmark).

STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 65,000 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 15 ft and 15,000 $ft^3/s$.

HISTORICAL DATA.--Flood peak of 1897 probably highest since then, based on record at nearby gaging stations.

REMARKS.--Stage records for 1897 and 1905-29 furnished by the National Weather Service.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1897 | Mar. 02 | 97,000 | 26.00c | 1933 | Feb. 23 | 19,000 | 16.68 | 1962 | Mar. 15 | 26,000 | 18.70 |
| 1905 | Feb. 15 | 24,500 | 17.30 | 1934 | June 08 | 22,100 | 17.70 | 1963 | Jan. 23 | 30,900 | 19.70 |
| 1906 | Jan. 26 | 15,800 | 15.00 | 1935 | Mar. 17 | 12,400 | 13.90 | 1964 | Apr. 10 | 67,100 | 25.00 |
| 1907 | Feb. 08 | 11,000 | 13.00 | 1936 | Apr. 12 | 54,600 | 22.85 | 1965 | Dec. 29 | 36,900 | 20.80 |
| 1908 | Apr. 29 | 66,000 | 23.20 | 1937 | Mar. 23 | 20,900 | 17.34 | 1966 | Feb. 16 | 42,000 | 21.65 |
| 1909 | Mar. 16 | 31,800 | 18.70 | 1938 | Apr. 11 | 42,300 | 21.00 | 1967 | Jan. 04 | 14,300 | 14.76 |
| 1910 | Mar. 04 | 18,400 | 15.80 | 1939 | Mar. 03 | 34,800 | 19.75 | 1968 | Mar. 16 | 25,500 | 18.57 |
| 1911 | Aug. 06 | 6,080 | 9.30 | 1940 | Feb. 22 | 16,000 | 15.50 | 1969 | Apr. 22 | 21,800 | 17.61 |
| 1912 | Mar. 18 | 43,700 | 20.60 | 1941 | Mar. 11 | 6,280 | 9.30 | 1970 | Mar. 24 | 34,200 | 20.35 |
| 1913 | Mar. 18 | 57,400 | 22.30 | 1942 | Mar. 25 | 40,800 | 21.30 | 1971 | Mar. 06 | 58,200 | 24.73 |
| 1914 | Apr. 18 | 5,500 | 9.00 | 1943 | Mar. 24 | 48,900 | 22.50 | 1972 | Jan. 16 | 25,900 | 18.68 |
| 1915 | Jan. 21 | 15,800 | 15.00 | 1944 | Mar. 25 | 48,200 | 22.40 | 1973 | Apr. 11 | 23,800 | 18.16 |
| 1916 | July 12 | 54,500 | 22.00 | 1945 | Apr. 30 | 23,900 | 18.10 | 1974 | Feb. 19 | 20,800 | 17.25 |
| 1917 | Mar. 07 | 29,100 | 18.20 | 1946 | Jan. 11 | 27,000 | 18.80 | 1975 | Apr. 06 | 32,700 | 20.06 |
| 1918 | Feb. 04 | 11,600 | 13.30 | 1947 | Mar. 11 | 29,000 | 19.20 | 1976 | Mar. 21 | 22,800 | 17.90 |
| 1919 | Feb. 28 | 45,100 | 20.80 | 1948 | Feb. 13 | 20,900 | 17.30 | 1977 | Mar. 25 | 21,200 | 17.39 |
| 1920 | Dec. 13 | 56,400 | 22.20 | 1949 | Nov. 30 | 68,900 | 25.20 | 1978 | Jan. 29 | 38,500 | 21.56 |
| 1921 | Feb. 14 | 28,000 | 18.00 | 1950 | Mar. 10 | 12,300 | 13.80 | 1979 | Feb. 27 | 36,400 | 20.72 |
| 1922 | Mar. 10 | 48,100 | 21.20 | 1951 | Apr. 27 | 8,700 | 11.60 | 1980 | Mar. 12 | 29,300 | 19.38 |
| 1923 | Mar. 22 | 28,600 | 18.10 | 1952 | Mar. 07 | 36,300 | 20.70 | 1981 | Feb. 14 | 36,000 | 19.94 |
| 1924 | Jan. 28 | 16,400 | 15.20 | 1953 | May 04 | 34,500 | 20.40 | 1982 | Feb. 07 | 24,600 | 17.63 |
| 1925 | Jan. 20 | 85,000 | 25.00 | 1954 | Dec. 09 | 21,200 | 17.40 | 1983 | Apr. 12 | 32,800 | 19.36 |
| 1926 | Apr. 03 | 22,800 | 17.90 | 1955 | Apr. 18 | 13,500 | 14.40 | 1984 | Dec. 09 | 14,900 | 14.44 |
| 1927 | Mar. 15 | 7,890 | 10.90 | 1956 | Mar. 21 | 17,500 | 16.10 | 1985 | Feb. 09 | 23,900 | 17.69 |
| 1928 | Apr. 26 | 39,900 | 21.30 | 1957 | Apr. 09 | 26,000 | 18.70 | 1986 | Mar. 23 | 14,200 | 14.13 |
| 1929 | Mar. 17 | 92,300 | 27.40 | 1958 | Mar. 11 | 21,800 | 17.60 | 1987 | Mar. 04 | 25,000 | 17.76 |
| 1930 | Oct. 04 | 33,900 | 20.30 | 1959 | June 05 | 28,900 | 19.30 | 1988 | Jan. 25 | 9,400 | 11.53 |
| 1931 | Nov. 20 | 23,100 | 17.80 | 1960 | Apr. 07 | 25,200 | 18.50 | 1989 | Apr. 13 | 14,100 | 14.11 |
| 1932 | Jan. 11 | 12,600 | 14.10 | 1961 | Feb. 28 | 58,800 | 24.00 | 1990 | Mar. 20 | 64,900 | 26.05 |

## 02349695 HORSEHEAD CREEK NEAR MONTEZUMA, GEORGIA

LOCATION.--Lat 32°21'18", long 83°56'12", Macon County, at culvert on State Highway 224, 8.7 mi northeast of Montezuma.
DRAINAGE AREA.--0.72 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is about 315 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Aug. 05 | 146 | 5.60 | 1982 | Apr. 06 | 18 | 1.58 | 1987 | June 17 | 32 | 2.21 |
| 1978 | Jan. 26 | 55 | 2.98 | 1983 | Mar. 06 | 82 | 3.86 | 1988 | Apr. 16 | 115 | 4.88 |
| 1979 | June 08 | 158 | 5.89 | 1984 | Aug. 19 | 144 | 5.55 | 1989 | July 20 | 35 | 2.38 |
| 1980 | Apr. 14 | 83 | 3.90 | 1985 | May 08 | 85 | 3.97 | 1990 | July 21 | 167 | 6.17 |
| 1981 | Apr. 01 | 83 | 3.90 | 1986 | Aug. 20 | 144 | 5.54 | | | | |

## 02349900 TURKEY CREEK AT BYROMVILLE, GEORGIA

LOCATION.--Lat 32°11'44", long 83°54'03", Dooly County, on downstream side of bridge on State Highway 90, 0.5 mi southwest of Byromville, and 11 mi upstream from mouth.
DRAINAGE AREA.--45 $mi^2$, approximately.
GAGE.--Water-stage recorder. Prior to June 19, 1958, crest-stage gage at site 50 ft upstream at same datum. Datum of gage is about 286 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,600 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 10 ft and 550 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 20 | 150 | --b | 1965 | Dec. 26 | 2,020 | 11.41 | 1978 | Jan. 25 | 2,260 | 12.13 |
| 1952 | Mar. 12 | 474 | 9.79 | 1966 | Mar. 04 | 3,220 | 12.26 | 1979 | Feb. 24 | 2,040 | 11.94 |
| 1953 | May 03 | 560 | 10.03 | 1967 | Jan. 02 | 428 | 9.74 | 1980 | Mar. 13 | 938 | 10.68 |
| 1954 | Dec. 14 | 610 | 10.12 | 1968 | Jan. 11 | 5,8.0 | 7.40 | 1981 | Apr. 01 | 4,820 | 13.82 |
| 1955 | Apr. 12 | 150 | 8.65 | 1969 | May 27 | 1,100 | 10.78 | 1982 | Feb. 17 | 748 | 10.49 |
| 1956 | Mar. 20 | 184 | 8.83 | 1970 | Mar. 31 | 3,940 | 13.30 | 1983 | Feb. 14 | 1,690 | 11.65 |
| 1957 | May 00 | 447 | 9.73 | 1971 | Mar. 03 | 1,210 | 11.06 | 1984 | Aug. 01 | 936 | 10.69 |
| 1958 | Mar. 11 | 1,680 | 11.20 | 1972 | Jan. 13 | 2,760 | 12.54 | 1985 | Feb. 06 | 1,300 | 11.21 |
| 1959 | Mar. 06 | 751 | 10.33 | 1973 | Feb. 02 | 1,300 | 11.17 | 1986 | Dec. 13 | 222 | 8.70 |
| 1960 | Apr. 05 | 2,140 | 11.49 | 1974 | Apr. 05 | 500 | 9.80 | 1987 | Jan. 22 | 1,010 | 10.67 |
| 1961 | Apr. 13 | 624 | 10.14 | 1975 | Mar. 19 | 1,240 | 11.10 | 1988 | Mar. 04 | 6,3.0 | 7.13 |
| 1962 | Jan. 07 | 556 | 10.02 | 1976 | May 15 | 2,520 | 12.35 | 1989 | July 04 | 717 | 10.25 |
| 1963 | July 10 | 1,970 | 11.38 | 1977 | Mar. 22 | 1,280 | 10.85 | 1990 | Jan. 08 | 540 | 9.80 |
| 1964 | Feb. 18 | 1,150 | 10.80 | | | | | | | | |

## 02350000 FLINT RIVER NEAR VIENNA, GEORGIA

LOCATION.--Lat 32°03'38", long 83°58'36", Dooly County, at bridge on State Highway 27, 300 ft downstream from Turkey Creek, 12 mi west of Vienna, and at mile 261.9.
DRAINAGE AREA.--3,390 $mi^2$, approximately.
GAGE.--Nonrecording. Datum of gage is 220.28 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 53,000 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 16 ft and 12,500 $ft^3/s$.
HISTORICAL DATA.--Peak of 1925 was the highest since 1897, based on records for gaging station upstream on Flint River at Montezuma (02349500).
REMARKS.--Flood stages of 1925 and 1949 from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. 20 | 89,000 | 31.20c | 1928 | Apr. 26 | 45,500 | 24.40 | 1930 | Oct. 06 | 36,500 | 23.00 |
| 1927 | Mar. 16 | 8,490 | 13.30 | 1929 | Mar. 18 | 85,500 | 30.60 | 1949 | Dec. 02 | 63,000 | 26.00c |

## 02350500 FLINT RIVER AT OAKFIELD, GEORGIA

LOCATION.--Lat 31°46'07", long 83°59'24", Worth County, on downstream side of center pier of Albany and Northern Railroad bridge, 1 mi southwest of Oakfield, 1 mi upstream from Jones Creek, 9.7 mi downstream from Crisp County Dam, and at mile 125.0.
DRAINAGE AREA.--3,860 $mi^2$, approximately.
GAGE.--Water-stage recorder, October 1929 to December 1958. From May 1987 at site 4.2 mi downstream at unknowm datum. Datum of gage is 193.29 ft above sea level (levels from U.S. Geological Survey benchmark), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 56,100 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 18 ft and 23,000 $ft^3/s$.
HISTORICAL DATA.--Flood stage of 1925 determined from high-water mark furnished by local resident. The Jan. 20, 1925 peak is the highest since 1897, based on records for gaging station upstream on Flint River at Montezuma (02349500).
REMARKS.--Regulation by storage in Lake Blackshear does not matrially afect peak discharges. Peak discharges for 1930 and 1934 are estimated. Peak discharges at both sites are considered equivalent.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. 20 | 90,000 | 35.10c | 1940 | Feb. 24 | 24,300 | 18.90 | 1951 | Apr. 28 | 13,700 | 12.20 |
| 1929 | Mar. 18 | 85,000 | 34.00 | 1941 | Mar. 23 | 6,010 | 6.70 | 1952 | Mar. 30 | 28,400 | 20.90 |
| 1930 | Oct. 06 | 26,000 | -- | 1942 | Mar. 27 | 41,400 | 25.40 | 1953 | May 07 | 32,100 | 22.50 |
| 1931 | Nov. 23 | 20,200 | 16.33 | 1943 | Mar. 26 | 44,800 | 27.00 | 1954 | Dec. 12 | 21,700 | 17.20 |
| 1932 | Jan. 14 | 13,200 | 11.80 | 1944 | Mar. 25 | 48,800 | 27.70 | 1955 | Apr. 19 | 13,200 | 11.90 |
| 1933 | Feb. 27 | 21,600 | 17.30 | 1945 | May 02 | 21,700 | 17.20 | 1956 | Mar. 23 | 17,400 | 14.60 |
| 1934 | Mar. 12 | 16,000 | -- | 1946 | Jan. 14 | 25,600 | 19.40 | 1957 | Apr. 12 | 22,200 | 17.50 |
| 1935 | Mar. 20 | 11,800 | 11.00 | 1947 | Mar. 14 | 27,100 | 20.20 | 1958 | Mar. 13 | 24,200 | 18.60 |
| 1936 | Apr. 15 | 46,800 | 27.20 | 1948 | Apr. 02 | 27,600 | 20.50 | 1988 | Jan. 25 | 12,100 | 11.07 |
| 1937 | Jan. 11 | 18,700 | 15.50 | 1949 | Dec. 03 | 60,500 | 30.10 | 1989 | Apr. 14 | 15,700 | 13.12 |
| 1938 | Apr. 13 | 37,200 | 24.40 | 1950 | Mar. 11 | 12,400 | 11.30 | 1990 | Mar. 23 | 50,200 | 27.37 |
| 1939 | Mar. 05 | 33,200 | 22.90 | | | | | | | | |

## 02350520 ABRAMS CREEK TRIBUTARY NEAR DOLES, GEORGIA

LOCATION.--Lat 31°40'46", long 83°48'04", Worth County, at culvert on State Highway 32, 5 mi east of Doles.
DRAINAGE AREA.--3.77 $mi^2$.
GAGE.--Flood-stage, rainfall recorder. Datum of gage is about 217 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 320 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 20 | 302 | 3.75 | 1969 | Aug. 02 | 330 | 3.93 | 1973 | Apr. 26 | 242 | 3.49 |
| 1966 | Mar. 04 | 402 | 4.43 | 1970 | June 04 | 304 | 3.76 | 1974 | Feb. 07 | 248 | 3.51 |
| 1967 | Jan. 01 | 652 | 5.99 | 1971 | Mar. 03 | 194 | 3.34 | 1975 | Feb. 18 | 348 | 4.06 |
| 1968 | Mar. 11 | 47 | 2.46 | 1972 | Dec. 20 | 190 | 3.33 | | | | |

## 02350600 KINCHAFOONEE CREEK AT PRESTON, GEORGIA

LOCATION.--Lat 32°03'09", long 84°32'54", Webster County, near right bank on downstream side of bridge on State Highway 41, 1 mi southwest of Preston, and 1 mi upstream from Harrel Mill Creek.
DRAINAGE AREA.--197 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 337.7 ft above sea level (levels from the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 13,900 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 6 ft and 1,000 $ft^3/s$.
HISTORICAL DATA.--Flood stages of January 1943 and April 1948 based on information furnished by the Georgia Department of Transportation). The flood of January 1943 was the highest since about 1900, based on information furnished by local residents.
REMARKS.--Peak discharge for 1949 is estimated. Peak discharge for 1967 is maximum daily.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1943 | Jan. 19 | 11,000 | 11.40c | 1959 | Feb. 05 | 1,900 | 6.98 | 1971 | Mar. 27 | 3,210 | 7.43 |
| 1948 | July 12 | 7,800 | 10.00 | 1960 | Mar. 31 | 1,840 | 6.96 | 1972 | Jan. 14 | 3,040 | 7.57 |
| 1949 | July 16 | 3,100 | -- | 1961 | Apr. 01 | 4,700 | 8.41 | 1973 | Dec. 07 | 5,060 | 8.63 |
| 1950 | Mar. 30 | 750 | 5.75 | 1962 | Apr. 02 | 1,520 | 6.62 | 1974 | Apr. 06 | 1,600 | 6.66 |
| 1951 | Mar. 19 | 1,120 | 6.30 | 1963 | Jan. 22 | 1,780 | 6.88 | 1975 | Feb. 18 | 4,940 | 8.57 |
| 1952 | Mar. 24 | 2,610 | 7.44 | 1964 | Apr. 09 | 2,520 | 7.26 | 1976 | Jan. 28 | 1,900 | 6.92 |
| 1953 | May 04 | 5,400 | 8.80 | 1965 | Dec. 26 | 4,040 | 7.77 | 1977 | Nov. 30 | 1,920 | 6.93 |
| 1954 | Dec. 07 | 2,980 | 7.65 | 1966 | Mar. 04 | 4,970 | 8.09 | 1978 | Jan. 26 | 7,200 | 9.70 |
| 1955 | Apr. 15 | 2,120 | 7.15 | 1967 | Jan. 02 | 1,800 | | 1987 | Mar. 01 | 1,380 | 6.45 |
| 1956 | Sept. 26 | 1,520 | 6.70 | 1968 | Mar. 14 | 521 | 5.24 | 1988 | Jan. 21 | 750 | 5.67 |
| 1957 | May 05 | 4,320 | 8.23 | 1969 | May 20 | 1,050 | 6.05 | 1989 | Apr. 11 | 1,190 | 6.25 |
| 1958 | Mar. 09 | 1,900 | 7.00 | 1970 | Mar. 30 | 5,720 | 8.96 | 1990 | Mar. 17 | 14,500 | 12.16 |

## 02350685 CHOCTAHATCHEE CREEK TRIBUTARY NEAR PLAINS, GEORGIA

LOCATION.--Lat 32°02'02", long 84°25'54", Sumter County, at culvert on U.S. Highway 280, 2.4 mi west of Plains.
DRAINAGE AREA.--0.32 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 440 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Mar. 21 | 48.0 | 1.83 | 1983 | Mar. 06 | 82.0 | 2.69 | 1987 | June 17 | 8.0 | 1.01 |
| 1978 | Apr. 12 | 62.0 | 2.10 | 1984 | July 29 | 20.0 | 1.42 | 1988 | Sept.05 | 22.0 | 1.47 |
| 1979 | Feb. 25 | 72.0 | 2.31 | 1985 | Feb. 06 | 92.0 | 2.75 | 1989 | July 20 | 6.0 | 1.06 |
| 1981 | Aug. 09 | 72.0 | 2.49 | 1986 | Nov. 22 | 30.0 | 1.57 | 1990 | July 21 | 8.0 | 1.17 |
| 1982 | July 14 | 73.0 | 2.42 | | | | | | | | |

## 02350900 KINCHAFOONEE CREEK NEAR DAWSON, GEORGIA

LOCATION.--Lat 31°45'52", long 84°15'12", Lee County, at Anson Farm Road, on downstream side of left pier, and 12 mi east of Dawson.
DRAINAGE AREA.--527 $mi^2$.
GAGE.--Crest-stage gage prior to Sept. 30, 1984 at site 1,500 ft upstream at same datum. Water-stage recorder thereafter. Datum of gage is 211.74 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,900 $ft^3/s$, and extended above on the basis of slope-conveyance studies, prior to 1984. Thereafter, defined by current-meter measurements below 11,200 $ft^3/s$. Bankfull stage and discharge, 15 ft and 3,600 $ft^3/s$.
HISTORICAL DATA.--Flood stage of January 1943 based on information furnished by local residents. The January 1943 flood was the highest since 1900, based on information from local residents.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1943 | Jan. 20 | 15,000 | 23.00c | 1957 | May 14 | 3,210 | 14.30 | 1966 | Mar. 05 | 9,000 | 20.46 |
| 1949 | June 11 | 5,880 | 17.80 | 1958 | Mar. 11 | 3,210 | 14.30 | 1973 | Dec. 07 | 8,300 | 20.03c |
| 1950 | Apr. 01 | 1,860 | 11.00 | 1959 | Feb. 05 | 3,060 | 14.00 | 1985 | May 13 | 1,830 | 10.21 |
| 1951 | Apr. 20 | 1,070 | 9.03 | 1960 | Apr. 06 | 7,800 | 19.40 | 1986 | Dec. 14 | 1,870 | 10.32 |
| 1952 | Mar. 28 | 2,760 | 13.40 | 1961 | Apr. 13 | 5,760 | 17.70 | 1987 | Jan. 23 | 2,550 | 11.96 |
| 1953 | May 06 | 5,880 | 17.80 | 1962 | Jan. 09 | 4,180 | 15.94 | 1988 | Feb. 21 | 1,280 | 8.62 |
| 1954 | Dec. 09 | 3,600 | 15.00 | 1963 | Jan. 22 | 2,560 | 12.96 | 1989 | July 07 | 1,610 | 9.61 |
| 1955 | Apr. 17 | 2,100 | 11.80 | 1964 | Sept.15 | 4,600 | 16.51 | 1990 | Mar. 20 | 11,300 | 20.44 |
| 1956 | Sept.26 | 2,240 | 12.20 | 1965 | Dec. 27 | 6,360 | 18.17 | | | | |

## 02351500 MUCKALEE CREEEK NEAR AMERICUS, GEORGIA

LOCATION.--Lat 32°04'59", long 84°15'29", Sumter County, at State Highway 30, 1 mi west of Americus.
DRAINAGE AREA.--140 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 321.09 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,660 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 6 ft and 600 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | Jan. 22 | 870 | 6.48 | 1970 | Mar. 31 | 6,320 | 11.51 | 1977 | Mar. 10 | 1,390 | 7.38 |
| 1964 | Jan. 10 | 1,140 | 6.99 | 1971 | Mar. 26 | 1,060 | 6.86 | 1978 | Jan. 27 | 3,510 | 9.51 |
| 1965 | Oct. 25 | 2,170 | 8.26 | 1972 | Jan. 14 | 1,340 | 7.31 | 1979 | Feb. 25 | 2,050 | 8.18 |
| 1966 | Mar. 04 | 3,820 | 9.77 | 1973 | Apr. 27 | 2,650 | 8.77 | 1980 | Mar. 14 | 1,340 | 7.31 |
| 1967 | Jan. 04 | 1,050 | 6.85 | 1974 | Apr. 06 | 925 | 6.61 | 1981 | Feb. 11 | 2,950 | 9.04 |
| 1968 | May 00 | 480 | --b | 1975 | Feb. 20 | 3,090 | 9.16 | 1982 | Feb. 16 | 1,240 | 7.17 |
| 1969 | Dec. -- | 480 | --b | 1976 | May 16 | 1,070 | 6.89 | 1983 | Mar. 06 | 3,390 | 9.41 |

## 02351700 MUCKALEE CREEK NEAR SMITHVILLE, GEORGIA

LOCATION.--Lat 31°53'43", long 84°11'52", Lee County, at State Highway 118, 3 mi east of Smithville.
DRAINAGE AREA.--265 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 257.83 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,200 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 6 ft and 1,200 $ft^3/s$.
HISTORICAL DATA.--Flood stage of March 1929 based on information furnished by local resident. Flood stage of April 1948 based on information furnished by the Georgia Department of Transportation.
REMARKS.--Peak discharge for 1929, 1948, and 1951 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. 16 | 9,000 | 11.00c | 1955 | Apr. 15 | 1,850 | 6.79 | 1961 | Apr. 13 | 3,220 | 7.95 |
| 1948 | July 12 | 15,000 | 14.00c | 1956 | Feb. 07 | 720 | 5.34 | 1962 | Jan. 08 | 3,220 | 8.02 |
| 1951 | Mar. 19 | 1,040 | -- | 1957 | Apr. 07 | 1,100 | 6.00 | 1963 | Feb. 12 | 1,520 | 6.52 |
| 1952 | Nov. 16 | 2,100 | 6.98 | 1958 | Feb. 28 | 1,850 | 6.84 | 1964 | Jan. 12 | 2,680 | 7.59 |
| 1953 | Sept.28 | 2,100 | 7.01 | 1959 | Feb. 05 | 1,740 | 6.68 | 1965 | Dec. 27 | 4,600 | 8.79 |
| 1954 | Dec. 15 | 1,850 | 6.76 | 1960 | Apr. 04 | 5,400 | 9.21 | 1966 | Mar. 04 | 5,860 | 9.43 |

## 02351800 MUCKALOOCHEE CREEK AT SMITHVILLE, GEORGIA

LOCATION.--Lat 31°54'19", long 84°14'44", Lee County, at State Highway 118, at Smithville.
DRAINAGE AREA.--47 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 277.98 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,860 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 4 ft and 500 $ft^3/s$.
HISTORICAL DATA.--Flood peaks of January 1943 and April 1948 based on information furnished by the Georgia Department of Transportation. Flood of January 1943 is probably highest since 1900, based on information furnished by local residents.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1943 | Jan. 19 | 6,000 | 10.80c | 1959 | Feb. 05 | 395 | 3.59 | 1969 | Sept.23 | 161 | 2.57 |
| 1948 | Apr. 01 | 1,260 | 5.20 | 1960 | Apr. 04 | 1,760 | 5.86 | 1970 | Mar. 31 | 2,040 | 6.25 |
| 1950 | July 08 | 395 | 3.61 | 1961 | Apr. 12 | 820 | 4.52 | 1971 | Mar. 26 | 700 | 4.30 |
| 1952 | Feb. 17 | 305 | 3.32 | 1962 | Jan. 08 | 1,060 | 4.88 | 1972 | Jan. 14 | 655 | 4.21 |
| 1953 | May 04 | 860 | 4.64 | 1963 | Feb. 12 | 550 | 4.05 | 1973 | Apr. 27 | 784 | 4.44 |
| 1954 | Dec. 14 | 510 | 3.94 | 1964 | Jan. 12 | 940 | 4.71 | 1974 | Apr. 06 | 514 | 3.91 |
| 1955 | Apr. 15 | 280 | 3.15 | 1965 | Dec. 27 | 1,920 | 6.09 | 1975 | Feb. 20 | 1,370 | 5.36 |
| 1956 | May 06 | 162 | 2.60 | 1966 | Mar. 04 | 2,560 | 6.87 | 1976 | Apr. -- | 118 | --b |
| 1957 | Apr. 06 | 360 | 3.54 | 1967 | Jan. 04 | 904 | 4.64 | 1977 | Nov. 30 | 796 | 4.46 |
| 1958 | Feb. 27 | 510 | 3.92 | 1968 | Feb. -- | 118 | --b | 1978 | Jan. 27 | 1,570 | 5.64 |

## 02351890 MUCKALEE CREEK AT STATE HIGHWAY 195 NEAR LEESBURG, GEORGIA

LOCATION.--Lat 31°46'34", long 84°08'22", Lee County, at bridge on State Highway 195, 75 ft downstream from White Oak Branch, 3.3 mi downstream from Muckaloochee Creek, and 4.0 mi northeast of Leesburg.
DRAINAGE AREA.--362 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is about 220 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,820 $ft^3/s$, and extended above on the basis of straight-line extension.
HISTORICAL DATA.--Flood peak of April 1948 based on information furnished by Georgia Department of Transportation, and the datum is sea level.
REMARKS.--Peak discharge for 1948 is estimated, and based on records at station 0231900 (Muckalee Creek at State Highway 32 near Leesburg).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. 03 | 15,000 | 234.66 | 1983 | Mar. 08 | 4,810 | 13.20 | 1987 | Jan. 24 | 2,620 | 11.75 |
| 1980 | Mar. 31 | 3,100 | 12.12 | 1984 | May 04 | 4,160 | 12.83 | 1988 | Apr. 27 | 1,040 | 9.77 |
| 1981 | Feb. 14 | 4,420 | 12.98 | 1985 | Feb. 07 | 6,290 | 13.91 | 1989 | July 07 | 1,710 | 10.90 |
| 1982 | Jan. 06 | 3,080 | 12.10 | 1986 | Dec. 15 | 1,430 | 10.54 | 1990 | Jan. 08 | 2,840 | 11.92 |

## 02351900 MUCKALEE CREEK NEAR LEESBURG, GEORGIA

LOCATION.--Lat 31°43'55", long 84°07'30", Lee County, at State Highway 32, 2.8 mi east of Leesburg.
DRAINAGE AREA.--405 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 206.88 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,800 $ft^3/s$, and extended above on the basis of slope-conveyance studies, and comparison with other stations. Bankfull stage and discharge, 11 ft and 2,200 $ft^3/s$.
HISTORICAL DATA.--Flood peak of April 1948 based on information furnished by local residents, and is thought to be the highest since 1943.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Apr. 03 | 16,000 | 19.70c | 1956 | Mar. 22 | 1,040 | 7.91 | 1961 | Apr. 13 | 3,300 | 12.52 |
| 1951 | Mar. 30 | 1,020 | 7.78 | 1957 | Apr. 10 | 1,650 | 10.00 | 1962 | Jan. 09 | 3,140 | 12.28 |
| 1952 | Feb. 17 | 1,860 | 10.50 | 1958 | Mar. 02 | 2,450 | 11.70 | 1963 | Feb. 13 | 2,080 | 10.80 |
| 1953 | May 08 | 2,000 | 10.80 | 1959 | Feb. 05 | 2,300 | 11.40 | 1964 | Jan. 12 | 3,800 | 12.97 |
| 1954 | Dec. 16 | 2,350 | 11.50 | 1960 | Apr. 06 | 6,400 | 14.77 | 1965 | Dec. 27 | 6,200 | 14.52 |
| 1955 | Apr. 16 | 1,690 | 10.10 | | | | | | | | |

## 02352500 FLINT RIVER AT ALBANY, GEORGIA

LOCATION.--Lat 31°35'39", long 84°08'39", Dougherty County, on right bank at downstream side of Georgia Northern Railway bridge in Albany, and at mile 103.4.

DRAINAGE AREA.--5,310 $mi^2$, approximately.

GAGE.--Prior to Jan. 1, 1902, nonrecording gage at site 1 mi downstream at datum 1.3 ft lower. Jan. 1, 1902 to Sept. 3, 1929, nonrecording gage at site 1 mi downstream at datum 2.0 ft lower. Water-stage recorder thereafter. Datum of gage is 150.03 ft above sea level (from the U.S. Coast and Geodetic Survey benchmark).

STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 57,000 $ft^3/s$ at former site. Defined by current-meter measurements below 75,000 $ft^3/s$ at present site and above, on the basis of rating-curve extension. Bankfull stage and discharge, 23 ft and 33,000 $ft^3/s$.

REMARKS.--Peak stages for periods 1893-1901 and 1922-29 furnished by the National Weather Service. Capacity of powerplant reservoirs upstream is insufficient to materially affect peak discharge. Peak stage of 1925 flood from floodmark at present site and datum.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1893 | Aug. 21 | 18,900 | 14.10 | 1926 | Apr. 07 | 26,600 | 19.40 | 1959 | June 08 | 27,400 | 20.50 |
| 1894 | Feb. 20 | 25,600 | 18.70 | 1927 | Mar. 17 | 13,000 | 9.80 | 1960 | Apr. 07 | 57,000 | 30.80 |
| 1895 | Mar. 20 | 40,500 | 25.80 | 1928 | Apr. 24 | 58,100 | 29.40 | 1961 | Mar. 03 | 48,000 | 29.00 |
| 1896 | Feb. 13 | 22,700 | 16.80 | 1929 | Mar. 20 | 78,800 | 34.40 | 1962 | Mar. 17 | 29,700 | 21.80 |
| 1897 | Mar. 25 | 72,800 | 32.40 | 1930 | Oct. 04 | 37,100 | 25.10 | 1963 | Jan. 26 | 29,300 | 21.60 |
| 1898 | Sept.02 | 24,500 | 18.00 | 1931 | Nov. 21 | 25,000 | 19.20 | 1964 | Apr. 14 | 58,600 | 31.12 |
| 1899 | Feb. 15 | 32,600 | 22.60 | 1932 | Jan. 14 | 16,400 | 13.50 | 1965 | Dec. 31 | 37,200 | 25.58 |
| 1900 | Feb. 18 | 55,900 | 29.80 | 1933 | Feb. 27 | 23,800 | 18.58 | 1966 | Mar. 07 | 77,000 | 34.72 |
| 1901 | Sept.22 | 41,000 | 26.00 | 1934 | Mar. 12 | 21,700 | 17.30 | 1967 | Jan. 04 | 27,700 | 20.70 |
| 1902 | Mar. 07 | 33,300 | 22.90 | 1935 | Mar. 19 | 14,700 | 11.70 | 1968 | Mar. 17 | 25,100 | 19.10 |
| 1903 | Feb. 17 | 38,400 | 25.00 | 1936 | Apr. 15 | 52,300 | 29.00 | 1969 | Apr. 24 | 21,500 | 16.66 |
| 1904 | Feb. 13 | 27,400 | 19.20 | 1937 | Mar. 27 | 20,600 | 16.00 | 1970 | Apr. 02 | 54,800 | 30.69 |
| 1905 | Feb. 17 | 39,200 | 25.30 | 1938 | Apr. 14 | 39,800 | 25.80 | 1971 | Mar. 09 | 56,000 | 31.01 |
| 1906 | Jan. 27 | 25,100 | 18.10 | 1939 | Mar. 05 | 39,200 | 25.60 | 1972 | Jan. 16 | 31,300 | 22.62 |
| 1907 | Feb. 11 | 14,600 | 11.10 | 1940 | Feb. 19 | 26,300 | 19.90 | 1973 | Feb. 04 | 35,400 | 24.68 |
| 1908 | May 03 | 47,800 | 28.00 | 1941 | Mar. 24 | 8,890 | 8.00 | 1974 | Apr. 07 | 25,000 | 18.77 |
| 1909 | Mar. 20 | 32,500 | 22.40 | 1942 | Mar. 27 | 43,200 | 26.70 | 1975 | Mar. 21 | 56,300 | 30.32 |
| 1910 | Apr. 24 | 17,000 | 12.70 | 1943 | Jan. 22 | 64,800 | 31.60 | 1976 | May 17 | 25,100 | 18.75 |
| 1911 | Jan. 10 | 10,400 | 7.80 | 1944 | Mar. 26 | 62,800 | 31.20 | 1977 | Mar. 08 | 28,700 | 20.60 |
| 1912 | Apr. 24 | 57,300 | 30.10 | 1945 | May 02 | 24,200 | 18.50 | 1978 | Jan. 29 | 44,500 | 27.18 |
| 1913 | Mar. 21 | 58,300 | 30.30 | 1946 | Jan. 14 | 28,600 | 21.20 | 1979 | Feb. 26 | 41,800 | 26.13 |
| 1914 | Mar. 03 | 11,900 | 9.00 | 1947 | Mar. 14 | 33,200 | 23.40 | 1980 | Mar. 15 | 39,500 | 25.19 |
| 1915 | Jan. 25 | 22,800 | 16.60 | 1948 | Apr. 02 | 45,800 | 27.50 | 1981 | Feb. 17 | 29,900 | 21.21 |
| 1916 | July 15 | 45,500 | 27.40 | 1949 | Dec. 04 | 64,300 | 31.50 | 1982 | Feb. 08 | 25,300 | 18.87 |
| 1917 | Mar. 11 | 28,900 | 20.80 | 1950 | Mar. 12 | 14,500 | 11.50 | 1983 | Apr. 14 | 32,100 | 22.27 |
| 1918 | Feb. 09 | 17,100 | 12.30 | 1951 | Apr. 28 | 16,000 | 12.70 | 1984 | Mar. 07 | 26,600 | 19.57 |
| 1919 | Mar. 03 | 47,200 | 27.80 | 1952 | Mar. 30 | 32,200 | 23.00 | 1985 | Feb. 08 | 30,500 | 21.52 |
| 1920 | Apr. 05 | 41,600 | 26.20 | 1953 | May 08 | 41,400 | 26.30 | 1986 | Mar. 24 | 17,300 | 13.06 |
| 1921 | Feb. 18 | 23,400 | 17.30 | 1954 | Dec. 12 | 26,800 | 20.20 | 1987 | Mar. 06 | 27,000 | 19.78 |
| 1922 | Mar. 16 | 43,300 | 26.80 | 1955 | Apr. 19 | 17,200 | 13.40 | 1988 | Jan. 26 | 14,800 | 11.25 |
| 1923 | Mar. 25 | 33,000 | 22.80 | 1956 | Mar. 23 | 19,600 | 15.20 | 1989 | July 07 | 19,500 | 14.67 |
| 1924 | Apr. 19 | 19,400 | 14.40 | 1957 | Apr. 12 | 25,500 | 19.40 | 1990 | Mar. 23 | 58,700 | 30.92 |
| 1925 | Jan. 21 | 92,000 | 37.80 | 1958 | Mar. 14 | 30,300 | 22.10 | | | | |

## 02353000 FLINT RIVER AT NEWTON, GEORGIA

LOCATION.--Lat 31°18'34", long 84°20'06", Baker County, on downstream side of pier of bridge on State Highway 37 at Newton, 1 mi downstream from Coolewahee Creek, and at mile 69.5.
DRAINAGE AREA.--5,740 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 110.20 ft above sea level (levels by the U.S. Army Corps of Engineers), supplementary adjustment of 1936. Prior to Nov. 12, 1956, nonrecording gage at same site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 66,000 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 24 ft and 35,000 $ft^3/s$.
HISTORICAL DATA.--Peak stage of January 1925 from floodmarks. The January 1925 flood was the highest since at least 1893, based on gaging station upstream on Flint River at Albany.
REMARKS.--Peak stages for 1948-49 and 1956 are estimated, based on gaging station upstream on Flint River at Albany.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1925 | Jan. 21 | 94,000 | 41.30c | 1955 | Apr. 20 | 15,600 | 14.50 | 1973 | Feb. 05 | 30,800 | 22.50 |
| 1938 | Apr. 15 | 40,000 | 25.60 | 1956 | Mar. 24 | 19,000 | -- | 1974 | Apr. 08 | 22,200 | 18.15 |
| 1939 | Mar. 07 | 40,200 | 25.70 | 1957 | Apr. 13 | 24,200 | 19.20 | 1975 | Mar. 22 | 47,700 | 28.91 |
| 1940 | Feb. 22 | 25,400 | 19.20 | 1958 | Mar. 15 | 30,100 | 22.20 | 1976 | May 18 | 21,300 | 17.70 |
| 1941 | Mar. 24 | 8,940 | 10.40 | 1959 | June 09 | 24,400 | 19.30 | 1977 | Mar. 10 | 26,000 | 20.13 |
| 1942 | Mar. 30 | 43,000 | 26.80 | 1960 | Apr. 08 | 52,400 | 30.90 | 1978 | Feb. 02 | 41,000 | 26.62 |
| 1943 | Mar. 27 | 51,100 | 29.60 | 1961 | Mar. 04 | 45,700 | 27.70 | 1979 | Mar. 03 | 37,400 | 25.25 |
| 1944 | Mar. 28 | 59,600 | 31.70 | 1962 | Mar. 19 | 26,500 | 20.40 | 1980 | Mar. 16 | 35,100 | 24.33 |
| 1945 | May 03 | 23,400 | 18.20 | 1963 | Jan. 28 | 26,700 | 20.50 | 1981 | Feb. 18 | 25,500 | 19.87 |
| 1946 | Jan. 16 | 29,200 | 21.00 | 1964 | Apr. 15 | 53,400 | 30.20 | 1982 | Feb. 10 | 22,600 | 18.36 |
| 1947 | Mar. 15 | 32,600 | 22.50 | 1965 | Jan. 02 | 37,900 | 25.10 | 1983 | Apr. 16 | 30,700 | 21.90 |
| 1948 | Apr. 03 | 45,000 | -- | 1966 | Mar. 09 | 66,600 | 34.90 | 1984 | Mar. 08 | 27,500 | 20.38 |
| 1949 | Dec. 05 | 64,000 | -- | 1967 | Jan. 06 | 26,000 | 20.16 | 1985 | Feb. 10 | 25,900 | 19.61 |
| 1950 | Mar. 13 | 13,200 | 13.20 | 1968 | Mar. 19 | 22,200 | 18.15 | 1986 | Feb. 12 | 15,800 | 14.29 |
| 1951 | Apr. 29 | 14,600 | 14.00 | 1969 | Apr. 26 | 18,600 | 16.20 | 1987 | Mar. 07 | 26,100 | 19.73 |
| 1952 | Mar. 31 | 30,400 | 22.33 | 1970 | Apr. 04 | 47,300 | 28.76 | 1988 | Jan. 26 | 12,900 | 12.54 |
| 1953 | May 10 | 40,000 | 25.68 | 1971 | Mar. 11 | 52,000 | 30.34 | 1989 | Apr. 15 | 17,400 | 15.18 |
| 1954 | Dec. 12 | 25,200 | 19.72 | 1972 | Jan. 20 | 30,600 | 22.45 | 1990 | Mar. 25 | 47,700 | 28.81 |

## 02353100 ICHAWAYNOCHAWAY CREEK NEAR GRAVES, GEORGIA
Formerly published as "Ichawaynochaway Creek near Dawson, Georgia"

LOCATION.--Lat 31°46'16", long 84°33'44", Terrell County, at State Highway 50 and U.S. Highway 82, 5.0 mi west of Graves.
DRAINAGE AREA.--118 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 272.70 ft above sea level (levels by the U.S. Geological Survey).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,230 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 8 ft and 1,400 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1963 | Feb. 12 | 1,280 | 7.88 | 1971 | Mar. 26 | 1,300 | 7.93 | 1978 | Jan. 27 | 3,460 | 9.74 |
| 1964 | Jan. 10 | 1,700 | 8.40 | 1972 | Dec. 20 | 1,070 | 7.60 | 1979 | Feb. 26 | 2,120 | 8.79 |
| 1965 | Jan. 27 | 2,790 | 9.34 | 1973 | Apr. 27 | 2,110 | 8.78 | 1980 | Mar. 31 | 972 | 7.46 |
| 1966 | Mar. 04 | 3,420 | 9.71 | 1974 | Apr. 05 | 1,730 | 8.43 | 1981 | Feb. 11 | 2,120 | 8.79 |
| 1967 | Jan. 04 | 1,670 | 8.37 | 1975 | Feb. 19 | 2,690 | 9.23 | 1982 | Jan. 05 | 1,420 | 8.07 |
| 1968 | Dec. 10 | 505 | 6.57 | 1976 | May 16 | 1,500 | 8.17 | 1983 | Mar. 06 | 2,960 | 9.41 |
| 1969 | Mar. 19 | 816 | 7.21 | 1977 | Nov. 30 | 1,720 | 8.42 | 1990 | Mar. 20 | 1,080 | 7.62c |
| 1970 | Mar. 31 | 3,960 | 10.05 | | | | | | | | |

## 02353200 LITTLE ICHAWAYNOCHAWAY CREEK NEAR SHELLMAN, GEORGIA
(Formerly published as "Nochaway Creek near Shellman, Georgia")

LOCATION.--Lat 31°46'45", long 84°36'13", Randolph County, at State Highway 41, 1.5 mi north of Shellman.
DRAINAGE AREA.--52 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 288.26 ft above sea level (levels by the U.S. Geological Survey).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 560 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Stage-discharge relation unstable.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Apr. 01 | 544 | 4.04 | 1955 | Apr. -- | 282 | 3.30 | 1959 | May 21 | 870 | 4.84 |
| 1952 | Feb. 15 | 502 | 4.32 | 1956 | Sept.00 | 300 | 3.40 | 1960 | Apr. 03 | 930 | 4.96 |
| 1953 | May 03 | 2,130 | 6.91 | 1957 | Apr. 06 | 450 | 4.02 | 1961 | Apr. 12 | 320 | 3.52 |
| 1954 | Dec. 08 | 449 | 4.17 | 1958 | Feb. 27 | 450 | 4.02 | 1962 | Jan. 07 | 1,880 | 6.60 |

## 02353400 PACHITLA CREEK NEAR EDISON, GEORGIA

LOCATION.--Lat 31°33'17", long 84°40'43", Calhoun County, at bridge on State Highway 37, 3.6 mi east of Edison, and 8.5 mi upstream from mouth.
DRAINAGE AREA.--188 $mi^2$.
GAGE.--Crest-stage gage from Mar. 17, 1949 to Mar. 16, 1955 at same site and datum. Crest-stage gage from Mar. 17, 1955 to June 9, 1959 at site 200 ft downstream at same datum; water-stage recorder June 9, 1959 to Sept. 30, 1971 at same site and datum; crest-stage gage, Oct. 1, 1971 to March 1988; water-stage recorder thereafter at same site and datum. Datum of gage is 212.64 ft above sea level (levels by the Georgia Department of Transportation) (revised).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,400 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 6 ft and 800 $ft^3/s$.
HISTORICAL DATA.--Flood peaks of 1916, 1928, and 1948 were provided by the Georgia Department of Transportation. The flood of 1916 is thought to be the highest since 1900, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1916 | July 10 | 11,800 | 11.88c | 1959 | Mar. 07 | 2,280 | 7.19 | 1971 | Jan. 05 | 3,800 | 8.14 |
| 1928 | Sept.29 | 7,000 | 9.83c | 1960 | Apr. 05 | 5,580 | 9.19 | 1972 | Jan. 05 | 3,680 | 8.05 |
| 1948 | July 12 | 5,200 | 8.93c | 1961 | Apr. 01 | 5,140 | 8.97 | 1973 | Dec. 09 | 3,700 | 8.10 |
| 1950 | Sept.01 | 2,700 | 7.37 | 1962 | Jan. 07 | 7,880 | 10.34 | 1974 | Jan. 03 | 5,010 | 8.88 |
| 1951 | Apr. 01 | 1,130 | 6.30 | 1963 | Feb. 12 | 2,380 | 7.24 | 1975 | Apr. 11 | 2,540 | 7.51 |
| 1952 | Feb. 14 | 1,650 | 6.74 | 1964 | Jan. 09 | 3,800 | 8.12 | 1976 | Jan. 26 | 778 | 5.94 |
| 1953 | Sept.30 | 1,510 | 6.63 | 1965 | Dec. 26 | 5,190 | 8.99 | 1977 | Nov. 30 | 3,950 | 8.20 |
| 1954 | Dec. 27 | 2,060 | 7.02 | 1966 | Mar. 05 | 4,700 | 8.50 | 1978 | Jan. 26 | 6,820 | 9.81 |
| 1955 | Apr. 17 | 1,110 | 6.28 | 1967 | Jan. 02 | 2,420 | 7.44 | 1981 | Jan. 07 | 3,940 | 8.19c |
| 1956 | Feb. 18 | 2,040 | 7.01 | 1968 | Dec. 12 | 995 | 6.25 | 1989 | July 16 | 2,040 | 7.18c |
| 1957 | Apr. 07 | 2,500 | 7.27 | 1969 | May 19 | 1,640 | 6.87 | 1990 | Oct. 02 | 2,330 | 7.38c |
| 1958 | Mar. 09 | 1,760 | 6.82 | 1970 | Mar. 31 | 5,100 | 8.94 | | | | |

## 02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GEORGIA

LOCATION.--Lat 31°22'58", long 84°32'52", Baker County, on downstream end of left bank pier of bridge on State Highway 216 at Milford, 2.2 mi upstream from Alligator Creek, and 5.5 mi upstream from Chickasawhatchee Creek.
DRAINAGE AREA.--620 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 150.3 ft above sea level (levels by the Georgia Department of Transportation). Aug. 29, 1905, to Dec. 31, 1907, nonrecording gage at several sites within 450 ft of present site at various datums. Oct. 1, 1939, to Nov. 10, 1941, nonrecording gage at site 100 ft downstream at present datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 14,000 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 7 ft and 3,400 $ft^3/s$.
HISTORICAL DATA.--Peak stages of July 1916 and January 1925 based on information furnished by local residents at present site and datum. The July 1916 peak is thought to be the highest since 1900, based on information from local residents and nearby gaging station .
REMARKS.--Peak discharge for 1947 is estimated. The peak stage for the 1925 flood at present site and datum.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1906 | June 14 | 8,780 | 12.80 | 1955 | Apr. 17 | 1,540 | 3.40 | 1973 | Feb. 03 | 8,560 | 12.42 |
| 1907 | Sept.30 | 7,400 | 13.80 | 1956 | Feb. 18 | 3,020 | 6.40 | 1974 | Feb. 09 | 5,850 | 9.67 |
| 1916 | July 12 | 15,500 | 17.20c | 1957 | Apr. 08 | 3,380 | 7.00 | 1975 | Apr. 16 | 8,660 | 12.51 |
| 1925 | Jan. 21 | 13,800 | 16.20c | 1958 | Apr. 12 | 4,090 | 8.00 | 1976 | May 17 | 3,830 | 7.23 |
| 1940 | Feb. 20 | 9,000 | 12.80 | 1959 | Mar. 08 | 4,250 | 8.20 | 1977 | Nov. 30 | 7,890 | 11.79 |
| 1941 | Nov. 17 | 1,940 | 4.16 | 1960 | Apr. 06 | 9,960 | 13.80 | 1978 | Jan. 27 | 11,900 | 15.08 |
| 1942 | Mar. 23 | 4,010 | 7.87 | 1961 | Apr. 17 | 7,900 | 12.00 | 1979 | Feb. 26 | 8,010 | 11.91 |
| 1943 | Jan. 21 | 10,100 | 13.90 | 1962 | Jan. 09 | 6,400 | 10.60 | 1980 | Mar. 14 | 7,890 | 11.79 |
| 1944 | Apr. 17 | 9,000 | 13.00 | 1963 | Feb. 14 | 3,450 | 7.10 | 1981 | Feb. 15 | 3,260 | 6.36 |
| 1945 | Sept.17 | 1,940 | 4.23 | 1964 | Mar. 05 | 7,570 | 11.70 | 1982 | Feb. 05 | 7,370 | 11.27 |
| 1946 | Mar. 31 | 5,530 | 9.68 | 1965 | Dec. 28 | 8,600 | 12.00 | 1983 | Mar. 09 | 5,500 | 9.28 |
| 1947 | Mar. 10 | 8,200 | -- | 1966 | Mar. 06 | 9,480 | 13.23 | 1984 | May 05 | 10,300 | 13.90 |
| 1948 | July 12 | 8,230 | 12.30 | 1967 | Jan. 04 | 5,590 | 9.38 | 1985 | Feb. 08 | 7,010 | 10.91 |
| 1949 | Dec. 09 | 7,680 | 11.80 | 1968 | Mar. 14 | 1,370 | 3.01 | 1986 | Dec. 17 | 2,360 | 4.81 |
| 1950 | Sept.03 | 2,360 | 4.76 | 1969 | Mar. 27 | 2,340 | 4.78 | 1987 | Jan. 24 | 3,310 | 6.46 |
| 1951 | Apr. 02 | 1,770 | 3.70 | 1970 | Apr. 02 | 9,210 | 13.01 | 1988 | Mar. 07 | 2,630 | 5.30 |
| 1952 | Feb. 19 | 2,510 | 5.40 | 1971 | Feb. 23 | 4,320 | 7.84 | 1989 | July 18 | 3,030 | 6.04 |
| 1953 | May 08 | 3,800 | 7.60 | 1972 | Dec. 23 | 5,640 | 9.43 | 1990 | Jan. 09 | 5,000 | 8.70 |
| 1954 | Dec. 16 | 4,010 | 7.90 | | | | | | | | |

## 02354500 CHICKASAWHATCHEE CREEK AT ELMODEL, GEORGIA

LOCATION.--Lat 31°21'09", long 84°29'10", Baker County, at bridge on State Highway 37 at Elmodel, and 2 mi upstream from mouth.
DRAINAGE AREA.--320 $mi^2$, approximately.
GAGE.--Nonrecording prior to Oct. 30, 1941; recording Oct. 30, 1941 to Dec. 31, 1949; crest-stage gage after Sept. 25, 1951. Datum of gage is 137.7 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,630 $ft^3/s$. Bankfull stage and discharge, 6 ft and 900 $ft^3/s$.
REMARKS.--Peak discharge for 1955 based on gaging station on Ichawaynochaway Creek at Milford and near Newton.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1940 | Feb. 21 | 3,180 | 11.50 | 1955 | Apr. 17 | 670 | -- | 1972 | Apr. 01 | 2,120 | 8.84 |
| 1941 | Mar. 26 | 608 | 4.88 | 1956 | Apr. 02 | 1,170 | 6.23 | 1973 | Feb. 03 | 3,250 | 10.93 |
| 1942 | Jan. 08 | 1,920 | 9.10 | 1957 | Apr. 08 | 1,260 | 6.53 | 1974 | Feb. 09 | 2,360 | 9.32 |
| 1943 | Jan. 21 | 1,460 | 8.00 | 1958 | Apr. 10 | 2,480 | 9.56 | 1975 | Apr. 16 | 3,760 | 11.66 |
| 1944 | Apr. 20 | 3,240 | 11.60 | 1959 | Mar. 07 | 2,160 | 8.91 | 1976 | May 17 | 2,660 | 9.92 |
| 1945 | Sept.20 | 724 | 5.32 | 1960 | Apr. 06 | 3,860 | 11.80 | 1977 | Nov. 30 | 2,370 | 9.34 |
| 1946 | May 24 | 2,340 | 10.00 | 1961 | Apr. 17 | 3,120 | 10.70 | 1978 | Jan. 27 | 4,300 | 12.38 |
| 1947 | Mar. 12 | 2,450 | 10.20 | 1962 | Apr. 01 | 1,240 | 6.46 | 1979 | Mar. 09 | 2,760 | 10.43 |
| 1948 | Mar. 10 | 3,630 | 11.90 | 1963 | Feb. 14 | 1,280 | 6.59 | 1980 | Mar. 17 | 3,210 | 10.85 |
| 1949 | Dec. 11 | 2,700 | 10.60 | 1964 | Mar. 05 | 3,570 | 11.38 | 1981 | Feb. 12 | 1,830 | 8.21 |
| 1952 | Feb. 19 | 1,320 | 6.75 | 1965 | Dec. 05 | 2,450 | 9.50 | 1982 | Mar. 07 | 1,930 | 8.45 |
| 1953 | May 08 | 1,390 | 6.98 | 1970 | Apr. 02 | 3,830 | 11.76 | 1983 | Feb. 15 | 2,750 | 10.08 |
| 1954 | Dec. 30 | 2,140 | 8.87 | 1971 | Mar. 10 | 2,220 | 9.04 | | | | |

## 02355000 ICHAWAYNOCHAWAY CREEK NEAR NEWTON, GEORGIA

LOCATION.--Lat 31°16'00", long 84°29'00", Baker County, 300 ft upstream from bridge on State Highway 200, 4.5 mi downstream from Chickasawhatchee Creek, and 9 mi southwest of Newton.
DRAINAGE AREA.--1,020 $mi^2$, approximately.
GAGE.--Nonrecording prior to Nov. 24, 1941; water-stage recorder thereafter. Prior to Sept. 21, 1939, at site 5 mi downstream at different datum. Datum of gage is 113.8 ft above sea level (levels by the Georgia Department of Transportation), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 10,000 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Bankfull stage and discharge, 7 ft and 3,500 $ft^3/s$.
HISTORICAL DATA.--Peak stages for July 1916 and January 1925 based on information furnished by local resident, and are at present site and datum. The July 1916 peak is thought to be the highest since 1900, based on nearby gaging stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1916 | July 14 | 28,000 | 35.00c | 1940 | Feb. 20 | 10,200 | 18.10 | 1944 | Apr. 18 | 10,300 | 18.30 |
| 1925 | Jan. 23 | 21,000 | 30.00c | 1941 | Mar. 12 | 2,080 | 4.40 | 1945 | May 17 | 2,350 | 4.86 |
| 1938 | Nov. 15 | 2,450 | 6.20 | 1942 | Mar. 23 | 5,380 | 10.70 | 1946 | Apr. 01 | 7,100 | 13.70 |
| 1939 | Mar. 03 | 8,800 | 17.40 | 1943 | Jan. 22 | 9,650 | 17.40 | 1947 | Mar. 10 | 9,720 | 17.50 |

## 02356000 FLINT RIVER AT BAINBRIDGE, GEORGIA

LOCATION.--Lat 30°54'41", long 84°34'48", Decatur County, on downstream side of right major pier of Decatur County Memorial Bridge on U.S. Highway 27 at Bainbridge, 0.2 mi downstream from Seaboard Coast Line Railroad bridge, and 29.2 mi upstream from Jim Woodruff Dam, and at mile 29.0.

DRAINAGE AREA.--7,570 $mi^2$, approximately.

GAGE.--Nonrecording prior to Jan. 16, 1929; water-stage recorder thereafter. Prior to Jan. 24, 1925, at datum 0.3 ft higher. Jan. 15, 1957 to Sept. 30, 1971, auxiliary water-stage recorder at site 6.4 mi upstream. Datum of gage is 58.06 ft above sea level (from the U.S. Coast and Geodetic Survey benchmark).

STAGE-DISCHARGE RELATION.--Defined for period after 1928 by current-meter measurements below 70,000 $ft^3/s$, and extended above on the basis of slope-conveyance studies. Prior to 1928, stage-discharge relation defined by seven current-meter measurements made during 1908-12, stage relation with gage on Flint River at Albany, and present stage-discharge relation. The change in stage-discharge relation of about 3 ft, from 1908 to 1928, is due either to a gradual shift in the channel or unknown change in datum. Stage-discharge relation affected by backwater from Jim Woodruff Reservoir since 1955. Bankfull stage and discharge, 18 ft and 20,000 $ft^3/s$.

HISTORICAL DATA.--Peak of January 1925 is highest since 1893, based on information from the National Weather Service.

REMARKS.--Peak stages for 1897, 1905-07, 1914-28, and 1972-74 are from the National Weather Service. Peak stage of the 1897 flood is from floodmark. Peak discharges for 1977 and 1982 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1897 | Mar. 26 | 83,000 | 34.30c | 1933 | Mar. 01 | 25,900 | 20.80 | 1962 | Apr. 19 | 27,700 | 23.50 |
| 1905 | Feb. 19 | 41,500 | 24.80 | 1934 | Mar. 13 | 20,900 | 18.40 | 1963 | Jan. 29 | 27,600 | 23.30 |
| 1906 | Jan. 27 | 30,300 | 20.40 | 1935 | Mar. 15 | 14,200 | 14.50 | 1964 | Apr. 16 | 46,800 | 28.05 |
| 1907 | Apr. 29 | 14,600 | 12.30 | 1936 | Apr. 17 | 51,700 | 30.90 | 1965 | Jan. 02 | 37,600 | 26.15 |
| 1908 | May 06 | 47,600 | 26.80 | 1937 | Apr. 10 | 25,000 | 21.80 | 1966 | Mar. 09 | 68,500 | 31.22 |
| 1909 | Mar. 26 | 33,600 | 21.80 | 1938 | Apr. 16 | 36,200 | 26.40 | 1967 | Jan. 07 | 28,400 | 24.10 |
| 1910 | Mar. 11 | 17,900 | 14.30 | 1939 | Mar. 07 | 40,700 | 27.70 | 1968 | Mar. 19 | 21,000 | 22.10 |
| 1911 | Jan. 11 | 9,060 | 8.40 | 1940 | Feb. 22 | 30,000 | 24.00 | 1969 | Apr. 26 | 17,700 | 21.57 |
| 1912 | Apr. 26 | 72,800 | 33.20 | 1941 | Mar. 26 | 11,000 | 12.00 | 1970 | Apr. 04 | 48,600 | 28.12 |
| 1913 | Mar. 23 | 63,500 | 31.10 | 1942 | Mar. 31 | 40,700 | 27.90 | 1971 | Mar. 12 | 46,400 | 27.65 |
| 1914 | Mar. 06 | 14,200 | 12.40 | 1943 | Mar. 28 | 50,100 | 30.50 | 1972 | Jan. 19 | 29,600 | 24.33 |
| 1915 | Jan. 26 | 23,700 | 17.90 | 1944 | Mar. 29 | 58,800 | 32.60 | 1973 | Feb. 08 | 38,100 | 26.07 |
| 1916 | July 13 | 51,000 | 28.40 | 1945 | May 03 | 21,900 | 19.80 | 1974 | Feb. 22 | 27,500 | 23.59 |
| 1917 | Mar. 13 | 29,200 | 20.60 | 1946 | Apr. 02 | 29,800 | 23.90 | 1975 | Mar. 24 | 47,800 | 28.11 |
| 1918 | Feb. 10 | 14,300 | 13.10 | 1947 | Mar. 16 | 32,400 | 25.00 | 1976 | May 19 | 24,600 | 22.79 |
| 1919 | Mar. 05 | 52,400 | 29.20 | 1948 | Apr. 05 | 61,500 | 33.20 | 1977 | Mar. 11 | 30,000 | -- |
| 1920 | Mar. 08 | 46,000 | 27.40 | 1949 | Dec. 07 | 51,700 | 30.90 | 1978 | Jan. 31 | 45,000 | 27.00 |
| 1921 | Feb. 19 | 19,000 | 16.20 | 1950 | Mar. 13 | 13,500 | 14.30 | 1979 | Mar. 01 | 40,600 | 26.15 |
| 1922 | Mar. 18 | 41,800 | 26.30 | 1951 | Apr. 29 | 12,800 | 13.80 | 1980 | Apr. 06 | 39,800 | 25.99 |
| 1923 | Mar. 27 | 31,400 | 22.40 | 1952 | Apr. 01 | 31,000 | 24.00 | 1981 | Feb. 19 | 23,800 | 22.79 |
| 1924 | Apr. 20 | 22,100 | 18.20 | 1953 | May 11 | 37,900 | 27.00 | 1982 | Feb. 10 | 22,800 | -- |
| 1925 | Jan. 24 | 101,000 | 40.90 | 1954 | Dec. 14 | 24,500 | 21.30 | 1983 | Feb. 18 | 32,900 | 24.63 |
| 1926 | Apr. 08 | 31,200 | 23.00 | 1955 | Apr. 21 | 16,300 | 16.30 | 1984 | Mar. 09 | 33,500 | 24.77 |
| 1927 | Mar. 16 | 11,200 | 12.30 | 1956 | Mar. 24 | 18,400 | 17.70 | 1985 | Feb. 10 | 28,000 | 23.64 |
| 1928 | Apr. 27 | 59,400 | 32.50 | 1957 | Apr. 14 | 26,100 | 23.26 | 1986 | Feb. 12 | 17,200 | 21.47 |
| 1929 | Mar. 21 | 83,200 | 37.70 | 1958 | Mar. 15 | 34,400 | 25.40 | 1987 | Jan. 25 | 27,300 | 23.54 |
| 1930 | Oct. 09 | 35,500 | 25.00 | 1959 | Mar. 10 | 26,800 | 23.42 | 1988 | Mar. 10 | 12,500 | 20.72 |
| 1931 | Nov. 22 | 28,500 | 22.00 | 1960 | Apr. 09 | 59,600 | 30.15 | 1989 | Apr. 16 | 16,300 | 21.35 |
| 1932 | Jan. 15 | 16,500 | 16.00 | 1961 | Mar. 06 | 44,100 | 26.72 | 1990 | Mar. 25 | 43,900 | 26.80 |

## 02356100 SPRING CREEK NEAR ARLINGTON, GEORGIA

LOCATION.--Lat 31°24'47", long 84°46'33", Early County, at State Highway 62, 3.5 mi southwest of Arlington.
DRAINAGE AREA.--49 $mi^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is about 195 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,440 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 7 ft and 700 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Apr. 01 | 560 | 6.85 | 1960 | Apr. 05 | 3,120 | 8.47 | 1972 | Feb. 08 | 304 | 6.49 |
| 1952 | Feb. 17 | 592 | 6.89 | 1961 | Apr. 16 | 2,650 | 8.25 | 1973 | Jan. 23 | 1,050 | 7.31 |
| 1953 | Mar. 15 | 512 | 6.79 | 1962 | Jan. 07 | 872 | 7.16 | 1975 | Apr. 11 | 3,750 | 8.40 |
| 1954 | Jan. 03 | 860 | 7.15 | 1963 | Feb. 12 | 1,620 | 7.71 | 1976 | Mar. 15 | 720 | 7.02 |
| 1955 | Apr. 19 | 214 | 6.31 | 1964 | Feb. 18 | 2,650 | 8.24 | 1977 | Nov. 30 | 1,750 | 7.80 |
| 1956 | Feb. 06 | 472 | 6.74 | 1965 | Dec. 27 | 1,450 | 7.59 | 1978 | Jan. 26 | 4,880 | 9.15 |
| 1957 | Apr. -- | 1,170 | 7.41 | 1970 | Apr. 02 | 1,640 | 7.73 | 1979 | Feb. 27 | 1,850 | 7.85 |
| 1958 | Apr. 14 | 1,340 | 7.53 | 1971 | Jan. 05 | 1,230 | 7.45 | | | | |
| 1980 | Mar. 15 | 3,720 | 8.69 | | | | | | | | |
| 1959 | Mar. 08 | 1,790 | 7.82 | | | | | | | | |

## 02356640 SPRING CREEK AT COLQUITT, GEORGIA

LOCATION.--Lat 31°10'14", long 84°44'34", Miller County, at bridge on U.S. Highway 27, 1 mi north of Colquitt.
DRAINAGE AREA.--281 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 281 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,060 $ft^3/s$, and extended above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1981 | Apr. 06 | 660 | 6.18 | 1985 | Feb. 10 | 1,320 | 7.17 | 1988 | Feb. 22 | 2,560 | 8.55 |
| 1982 | Feb. 06 | 6,240 | 11.23 | 1986 | Feb. 12 | 2,740 | 8.53 | 1989 | June 20 | 2,540 | 8.54 |
| 1983 | Feb. 16 | 4,120 | 9.55 | 1987 | Apr. 01 | 2,810 | 8.59 | 1990 | Feb. 10 | 3,430 | 9.27 |
| 1984 | Dec. 07 | 3,810 | 9.34 | | | | | | | | |

## 02357000 SPRING CREEK NEAR IRON CITY, GEORGIA

LOCATION.--Lat 31°02'23", long 84°44'18", Decatur County, on right bank 25 ft below county highway bridge, 1.5 mi downstream from Aycock Creek, 1.5 mi upstream from Dry Creek, and 5.5 mi northeast of Iron City.
DRAINAGE AREA.--485 $mi^2$, approximately.
GAGE.--Nonrecording prior to Oct. 18, 1952; water-stage recorder, Oct. 18, 1952, to Apr. 30, 1971; crest-stage gage 1972 to Dec. 1978; water-stage recorder thereafter. Prior to Oct. 18, 1952, at site 125 ft upstream. Datum of gage is 85.7 ft above sea level (from U.S. Coast and Geodetic benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 13,000 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 11 ft and 1,700 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Nov. 16 | 3,160 | 13.40 | 1955 | Aug. 01 | 632 | 7.00 | 1971 | Mar. 28 | 6,160 | 16.59 |
| 1939 | Mar. 02 | 5,300 | 16.00 | 1956 | Mar. 18 | 1,390 | 10.20 | 1972 | Jan. 14 | 2,420 | 12.62 |
| 1940 | Feb. 20 | 7,080 | 17.30 | 1957 | Apr. 10 | 2,060 | 11.90 | 1973 | Feb. 03 | 11,000 | 18.28 |
| 1941 | Mar. 27 | 812 | 7.74 | 1958 | Oct. 03 | 4,250 | 15.10 | 1974 | Feb. 16 | 7,470 | 17.36 |
| 1942 | Mar. 24 | 3,780 | 14.40 | 1959 | Mar. 09 | 4,940 | 15.70 | 1975 | Apr. 12 | 17,700 | 19.43 |
| 1943 | Mar. 10 | 2,810 | 13.00 | 1960 | Apr. 06 | 8,260 | 17.80 | 1976 | May 27 | 4,940 | 15.09 |
| 1944 | Mar. 09 | 7,240 | 17.40 | 1961 | Apr. 18 | 7,900 | 17.60 | 1977 | Mar. 09 | 4,740 | 14.96 |
| 1945 | Apr. 30 | 1,840 | 11.00 | 1962 | Feb. 23 | 2,510 | 12.80 | 1978 | Jan. 28 | 13,400 | 18.35 |
| 1946 | Mar. 30 | 5,900 | 16.50 | 1963 | Feb. 15 | 2,860 | 13.40 | 1983 | Feb. 16 | 7,840 | 16.27 |
| 1947 | Mar. 10 | 7,900 | 17.60 | 1964 | Mar. 06 | 7,360 | 17.30 | 1984 | Mar. 08 | 6,860 | 16.16 |
| 1948 | Apr. 02 | 12,600 | 19.90 | 1965 | Dec. 28 | 7,860 | 17.58 | 1985 | Mar. 07 | 1,200 | 9.34 |
| 1949 | Dec. 10 | 8,080 | 17.70 | 1966 | Mar. 03 | 5,910 | 16.42 | 1986 | Feb. 12 | 5,860 | 15.87 |
| 1950 | Apr. 02 | 1,120 | 9.30 | 1967 | Feb. 10 | 2,970 | 13.58 | 1987 | Jan. 25 | 3,660 | 13.96 |
| 1951 | Apr. 05 | 563 | 6.60 | 1968 | Mar. 17 | 585 | 6.73 | 1988 | Mar. 02 | 4,540 | 14.28 |
| 1952 | Feb. 19 | 2,310 | 12.40 | 1969 | Mar. 28 | 1,580 | 10.69 | 1989 | June 20 | 3,650 | 13.95 |
| 1953 | May 10 | 1,460 | 10.60 | 1970 | Apr. 03 | 4,900 | 15.67 | 1990 | Jan. 10 | 5,840 | 15.64 |
| 1954 | Dec. 27 | 2,460 | 12.70 | | | | | | | | |

## 02379500 CARTECAY RIVER NEAR ELLIJAY, GEORGIA

LOCATION.--Lat 34°40'53", long 84°27'20", Gilmer County, on right bank adjacent to State Highway 52, 0.8 mi downstream from Owltown Creek, 2 mi southeast of Ellijay, and 2 mi upstream from confluence with Ellijay River.
DRAINAGE AREA.--134 $mi^2$ (revised).
GAGE.--Water-stage recorder, Dec. 19, 1938 to Sept. 30, 1977; crest-stage gage thereafter. Datum of gage is 1,255.39 ft above sea level (levels by the U.S. Army Corps of Engineers). Prior to Dec. 19, 1938, nonrecording gage at same site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,900 $ft^3/s$, and extended above on the basis of slope-area measurement to 20,000 $ft^3/s$. Bankfull stage and discharge, 6 ft and 3,700 $ft^3/s$.
HISTORICAL DATA.--Peak of 1938 is the highest since 1886, based on nearby gaging stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Apr. 08 | 20,000 | 13.00 | 1955 | Mar. 22 | 4,860 | 6.80 | 1971 | Jan. 24 | 1,980 | 4.45 |
| 1939 | Feb. 15 | 2,280 | 4.77 | 1956 | Apr. 15 | 3,880 | 6.10 | 1972 | Jan. 10 | 2,790 | 5.22 |
| 1940 | Aug. 13 | 1,980 | 4.43 | 1957 | Apr. 04 | 5,940 | 7.53 | 1973 | May 28 | 9,100 | 9.22 |
| 1941 | July 05 | 1,700 | 4.14 | 1958 | Dec. 20 | 2,280 | 4.76 | 1974 | Apr. 13 | 4,720 | 6.70 |
| 1942 | Feb. 17 | 3,360 | 5.73 | 1959 | Jan. 21 | 1,780 | 4.27 | 1975 | Jan. 25 | 2,740 | 5.10 |
| 1943 | Dec. 29 | 3,620 | 5.88 | 1960 | Mar. 03 | 1,140 | 3.55 | 1976 | May 15 | 4,640 | 6.49 |
| 1944 | Feb. 27 | 3,120 | 5.50 | 1961 | Feb. 25 | 5,300 | 7.12 | 1977 | Mar. 30 | 9,190 | 9.15 |
| 1945 | Feb. 17 | 1,150 | 3.50 | 1962 | Dec. 12 | 7,760 | 8.53 | 1978 | Nov. 05 | 3,620 | 5.90 |
| 1946 | Feb. 10 | 6,960 | 8.10 | 1963 | Apr. 30 | 6,440 | 7.76 | 1979 | Mar. 04 | 10,400 | 9.75 |
| 1947 | Jan. 20 | 5,940 | 7.46 | 1964 | Mar. 26 | 6,160 | 7.57 | 1980 | Mar. 21 | 5,300 | 7.10 |
| 1948 | Feb. 12 | 3,240 | 5.56 | 1965 | Oct. 04 | 5,420 | 7.05 | 1981 | Feb. 10 | 1,860 | 4.32 |
| 1949 | Nov. 28 | 4,860 | 6.77 | 1966 | Mar. 04 | 5,010 | 6.76 | 1982 | Feb. 03 | 7,920 | 8.61 |
| 1950 | Mar. 13 | 6,260 | 7.74 | 1967 | Aug. 23 | 4,090 | 6.25 | 1983 | Feb. 02 | 2,770 | 5.20 |
| 1951 | Mar. 29 | 12,000 | 10.40 | 1968 | Apr. 05 | 2,230 | 4.70 | 1985 | Feb. 01 | 1,860 | 4.32 |
| 1952 | Mar. 11 | 4,860 | 6.80 | 1969 | Feb. 02 | 3,240 | 5.60 | 1986 | Aug. 20 | 1,060 | 3.42 |
| 1953 | Feb. 21 | 2,940 | 5.33 | 1970 | June 04 | 2,730 | 5.16 | 1990 | Feb. 16 | 7,500 | 8.33c |
| 1954 | Jan. 16 | 10,000 | 9.60 | | | | | | | | |

## 02380000 ELLIJAY RIVER AT ELLIJAY, GEORGIA

LOCATION.--Lat 34°41'06", long 84°28'40", Gilmer County, on left bank at downstream side of bridge on State Highway 5 at Ellijay, and 1 mi upstream from confluence with Cartecay River.
DRAINAGE AREA.--87.7 $mi^2$, approximately (revised).
GAGE.--Nonrecording gage prior to June 30, 1921, and Feb. 26 to July 8, 1953. Prior to Feb. 26, 1953, at site 1,000 ft downstream at datum 1.44 ft lower. Water-stage recorder, July 8, 1953, to Sept. 30, 1969; crest-stage gage thereafter. Auxilliary water recorder at site 1.0 mi downstream at State Highway 52, from Aug. 19, 1965 to Sept. 30, 1969. Datum of gage is 1,242.32 ft above sea level (from U.S. Coast and Geodetic benchmark), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,500 $ft^3/s$, and extended above on the basis of contracted-opening mesurement at 15,300 $ft^3/s$. Bankfull stage and discharge, 14 ft and 5,000 $ft^3/s$.
REMARKS.--Peak stages of the 1938 and 1951 floods from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1919 | Mar. 05 | 1,660 | 6.60 | 1958 | Nov. 18 | 2,780 | 10.40 | 1966 | Mar. 04 | 4,880 | 13.83 |
| 1920 | Apr. 02 | 4,970 | 14.10 | 1959 | May 31 | 1,570 | 7.60 | 1967 | Aug. 23 | 7,180 | 15.34 |
| 1921 | Feb. 10 | 4,170 | 12.50 | 1960 | Mar. 03 | 2,640 | 10.10 | 1968 | Dec. 22 | 2,500 | 9.78 |
| 1938 | Apr. 08 | 8,000 | 17.22c | 1961 | Feb. 25 | 4,090 | 12.70 | 1969 | Feb. 02 | 2,750 | 10.33 |
| 1951 | Mar. 29 | 6,400 | 16.73c | 1962 | Dec. 12 | 4,790 | 13.70 | 1970 | June 04 | 1,840 | 8.27 |
| 1954 | Jan. 16 | 7,940 | 16.30 | 1963 | Mar. 06 | 7,500 | 15.50 | 1971 | Aug. 09 | 1,280 | 6.88 |
| 1955 | Feb. 06 | 3,720 | 12.90 | 1964 | Mar. 26 | 5,460 | 14.40 | 1972 | Jan. 10 | 1,740 | 8.02 |
| 1956 | Apr. 16 | 4,580 | 13.40 | 1965 | Oct. 04 | 15,300 | 17.90 | 1990 | Feb. 16 | 12,000 | 17.22c |
| 1957 | Feb. 01 | 5,860 | 14.80 | | | | | | | | |

## 02380500 COOSAWATTEE RIVER NEAR ELLIJAY, GEORGIA

LOCATION.--Lat 34°40'18", long 84°30'31", Gilmer County, on right bank 0.5 mi downstream from State Highway 5, 2 mi southwest of Ellijay, and 2.2 mi downstream from confluence of Cartecay and Ellijay Rivers.
DRAINAGE AREA.--236 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 1,216.04 ft above sea level (from U.S. Coast and Geodetic Survey benchmark). Prior to June 10, 1940, nonrecording gage at site 0.5 mi upstream at datum 8.04 ft higher.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 13,000 $ft^3/s$, and extended above on the basis of contracted-opening mesurement at 17,000 $ft^3/s$. Bankfull stage and discharge, 9 ft and 7,000 $ft^3/s$.
HISTORICAL DATA.--Peak of March 1951 is highest since 1938, based on data at nearby stations. Peak stage of 1951 based on floodmark.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1939 | Feb. 15 | 4,570 | 7.20 | 1965 | Oct. 04 | 17,000 | 17.63 | 1978 | Nov. 05 | 4,400 | 6.05 |
| 1940 | Aug. 13 | 2,500 | 4.70 | 1966 | Mar. 04 | 9,210 | 11.46 | 1979 | Mar. 04 | 12,600 | 14.16 |
| 1941 | July 05 | 2,040 | 4.17 | 1967 | Aug. 23 | 9,470 | 11.70 | 1980 | Mar. 21 | 8,090 | 9.64 |
| 1942 | Feb. 17 | 5,790 | 8.16 | 1968 | Dec. 22 | 4,110 | 6.45 | 1981 | Feb. 11 | 2,800 | 4.58 |
| 1943 | Dec. 29 | 7,470 | 9.78 | 1969 | Feb. 02 | 5,810 | 8.22 | 1982 | Jan. 03 | 9,330 | 11.30 |
| 1944 | Feb. 27 | 6,090 | 8.48 | 1970 | June 04 | 3,610 | 5.94 | 1983 | Feb. 02 | 3,730 | 5.47 |
| 1945 | Feb. 13 | 3,500 | 5.83 | 1971 | Jan. 24 | 3,100 | 5.35 | 1984 | Mar. 20 | 7,330 | 9.31 |
| 1946 | Feb. 10 | 13,000 | 14.30 | 1972 | Jan. 10 | 4,410 | 6.76 | 1985 | Feb. 01 | 2,920 | 4.52 |
| 1947 | Jan. 20 | 13,000 | 14.30 | 1973 | May 28 | 13,400 | 14.95 | 1986 | Feb. 18 | 1,490 | 3.27 |
| 1948 | Feb. 12 | 6,490 | 8.94 | 1974 | Dec. 31 | 7,090 | 9.50 | 1987 | Feb. 28 | 4,710 | 6.59 |
| 1949 | Nov. 28 | 11,400 | 13.10 | 1975 | Jan. 25 | 4,060 | 6.35 | 1988 | Jan. 20 | 3,160 | 4.82 |
| 1951 | Mar. 29 | 22,000 | 20.70c | 1976 | May 15 | 6,500 | 8.86 | 1989 | Sept.30 | 5,970 | 7.87 |
| 1964 | Mar. 26 | 10,900 | 12.72 | 1977 | Mar. 30 | 11,000 | 12.71 | 1990 | Feb. 16 | 15,200 | 16.74 |

## 02381100 MOUNTAINTOWN CREEK TRIBUTARY NEAR ELLIJAY, GEORGIA

LOCATION.--Lat 34°42'04", long 84°31'54", Gilmer County, at culvert on State Highway 282, 3 mi west of Ellijay.
DRAINAGE AREA.--2.41 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 1,310 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 92 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Peak dischartge for the flood of 1979 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Oct. 04 | 635 | 6.30 | 1970 | June 04 | 125 | 3.11 | 1974 | Mar. 29 | 237 | 4.02 |
| 1966 | Mar. 03 | 290 | 4.40 | 1971 | July 06 | 170 | 3.51 | 1977 | Mar. 29 | 400 | 5.05 |
| 1967 | Sept.28 | 235 | 4.01 | 1972 | Aug. 01 | 256 | 4.16 | 1979 | Mar. 04 | 500 | -- |
| 1968 | July 26 | 165 | 3.47 | 1973 | May 27 | 822 | 7.20 | 1990 | Feb. 16 | 485 | 5.53c |
| 1969 | Aug. 23 | 98 | 2.86 | | | | | | | | |

## 02381300 FIR CREEK NEAR ELLIJAY, GEORGIA

LOCATION.--Lat 34°41'06", long 84°37'23", Gilmer County, at culvert on U.S. Highway 76 and State Highway 282, 8 mi west of Ellijay.
DRAINAGE AREA.--1.35 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Oct. 1, 1974; crest-stage gage thereafter. Datum of gage is 1,370.30 ft above sea level (from U.S. Coast and Geodetic Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 46 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | Mar. 04 | 280 | 4.80 | 1974 | Dec. 31 | 108 | 2.79 | 1982 | Jan. 03 | 127 | 3.03 |
| 1967 | May 12 | 74 | 2.28 | 1975 | Feb. 04 | 82 | 2.40 | 1983 | Nov. 30 | 84.0 | 2.44 |
| 1968 | Dec. 22 | 68 | 2.18 | 1976 | May 15 | 75 | 2.29 | 1984 | Dec. 27 | 59.0 | 2.05 |
| 1969 | Feb. 02 | 68 | 2.18 | 1977 | Mar. 29 | 201 | 3.95 | 1985 | July 05 | 96.0 | 2.61 |
| 1970 | June 04 | 199 | 3.93 | 1978 | Aug. 04 | 69 | 2.20 | 1986 | Jan. -- | 38.0 | --b |
| 1971 | Feb. 26 | 38 | 1.66 | 1979 | Mar. 04 | 263 | 4.63 | 1987 | Feb. 28 | 80.0 | 2.38 |
| 1972 | May 13 | 59 | 2.04 | 1980 | Mar. 08 | 98 | 2.65 | 1990 | Feb. 16 | 320 | 5.20c |
| 1973 | May 27 | 156 | 3.39 | 1981 | Aug. -- | 38 | --b | | | | |

## 02381600 FAUSETT CREEK NEAR TALKING ROCK, GEORGIA

LOCATION.--Lat 34°34'17", long 84°27'55", Gilmer County, on right bank 25 ft upstream, at culvert on secondary road 1011, 4.5 mi northeast of Talking Rock.
DRAINAGE AREA.--9.99 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Oct. 1, 1974; water-stage recorder thereafter. Datum of gage is 1,311.74 ft above sea level (Global Positioning System from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 155 $ft^3/s$, and extended above on the basis of culvert computations.
HISTORICAL DATA.--Flood of 1973 is highest since 1951, based on information at nearby stations.
REMARKS.--Peak stage for the flood of 1973 based on floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | Mar. 04 | 1,130 | 7.80 | 1975 | Jan. 25 | 462 | 4.62 | 1983 | Aug. 01 | 754 | 6.13 |
| 1967 | May. 12 | 296 | 3.57 | 1976 | May. 15 | 1,220 | 8.17 | 1984 | Mar. 20 | 1,740 | 10.15 |
| 1968 | Apr. 05 | 363 | 4.02 | 1977 | Mar. 29 | 1,740 | 10.14 | 1985 | Feb. 01 | 248 | 3.32 |
| 1969 | Feb. 02 | 610 | 5.42 | 1978 | Nov. 04 | 614 | 5.44 | 1986 | Aug. 20 | 600 | 7.52 |
| 1970 | June 04 | 397 | 4.22 | 1979 | Mar. 04 | 2,630 | 13.70 | 1987 | Feb. 28 | 428 | 4.41 |
| 1971 | July 30 | 261 | 3.34 | 1980 | Mar. 21 | 1,220 | 8.16 | 1988 | Jan. 20 | 333 | 3.84 |
| 1972 | Jan. 14 | 493 | 4.78 | 1981 | June 03 | 260 | 3.29 | 1989 | Sept.30 | 564 | 5.18 |
| 1973 | May. 27 | 3,160 | 16.96 | 1982 | Jan. 03 | 1,670 | 9.89 | 1990 | Feb. 16 | 1,770 | 10.27 |
| 1974 | Apr. 13 | 1,490 | 9.25 | | | | | | | | |

## 02381700 TOWN CREEK TRIBUTARY NEAR ELLIJAY, GEORGIA

LOCATION.--Lat 34°36'29", long 84°31'42", Gilmer County, at culvert at State Highway 5, 6.5 mi south of Ellijay.
DRAINAGE AREA.--1.27 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 1,210 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 10 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | Apr. 28 | 815 | 5.62 | 1968 | Dec. 22 | 47.0 | 1.71 | 1970 | Apr. 01 | 30.0 | 1.48 |
| 1967 | Aug. 24 | 43 | 1.66 | 1969 | Feb. 02 | 20.0 | 1.31 | 1971 | Feb. 22 | 23.0 | 1.36 |

## 02381900 BALL CREEK NEAR TALKING ROCK, GEORGIA

LOCATION.--Lat 34°31'52", long 84°34'11", Pickens County, at culvert at State Highway 156, 3.8 mi west of Talking Rock.
DRAINAGE AREA.--3.5 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 1,005 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 437 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Oct. 04 | 444 | 3.64 | 1969 | May. 19 | 480 | 4.00 | 1973 | May. 27 | 1,240 | 6.69 |
| 1966 | Apr. 29 | 865 | 5.65 | 1970 | Mar. 21 | 37 | 2.63 | 1974 | Dec. 31 | 526 | 4.37 |
| 1967 | Oct. 18 | 125 | 2.99 | 1971 | Sept.01 | 454 | 3.74 | 1977 | Mar. 29 | 1,110 | 6.60 |
| 1968 | July 12 | 266 | 3.21 | 1972 | Jan. 04 | 379 | 3.39 | 1990 | Feb. 16 | 1,000 | 6.24c |

## 02381950 SCARECORN CREEK ABOVE HINTON, GEORGIA

LOCATION.--Lat 34°27'11", long 84°33'28", Pickens County, on right bank, 300 ft downstream from bridge on county road 150, 2.4 mi southeast of Hinton, and 8.0 mi upstream from mouth.
DRAINAGE AREA.--6.4 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 1,107.59 ft above sea level (levels by Global Positioning System from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 150 $ft^3/s$, and extended above on the basis of straight-line extension.
REMARKS.--Peak flow is regulated upstream by Soil Conservation Service flood-retention reservoir since 1961.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1986 | Sept. 03 | 241 | 2.83 | 1988 | Jan. 20 | 192 | 2.61 | 1990 | Feb. 16 | 333 | 3.28 |
| 1987 | Feb. 28 | 234 | 2.80 | 1989 | Sept. 30 | 173 | 2.52 | | | | |

## 02382000 SCARECORN CREEK AT HINTON, GEORGIA

LOCATION.--Lat 34°28'04", long 84°35'30", Pickens County, on left bank 100 ft upstream from bridge on State Highway 53, 0.2 mi west of Hinton, 1 mi upstream from Deans Mill, and 5 mi upstream from mouth.
DRAINAGE AREA.--21.3 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 1,051.30 ft above sea level (levels by Global Positioning System from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,030 $ft^3/s$, and extended above on the basis of flow over dam computation at 1,900 $ft^3/s$ prior to 1974. Defined by current-meter measurements below 1,150 $ft^3/s$, and extended above on the basis of slope-area computation at 2,300 $ft^3/s$ thereafter.
HISTORICAL DATA.--Flood of 1942 was highest since 1938, based on information from local resident.
REMARKS.--Peak discharge for 1961-64, 1966, and 1973, are estimated. Peak regulated by Soil Conservation Service flood-retention reservoir since 1961.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1940 | June 08 | 1,350 | 7.30 | 1966 | Apr. 22 | 1,640 | 8.45 | 1974 | Nov. 28 | 1,030 | 5.90 |
| 1941 | Aug. 13 | 1,470 | 7.78 | 1967 | Aug. 24 | 614 | 3.79 | 1979 | Mar. 04 | 2,000 | 9.85c |
| 1942 | Feb. 16 | 2,500 | 11.20 | 1968 | Dec. 19 | 878 | 5.22 | 1986 | Sept.03 | 1,530 | 5.59 |
| 1961 | Feb. 25 | 1,800 | 9.08 | 1969 | Feb. 02 | 866 | 5.12 | 1987 | Feb. 28 | 1,520 | 5.56 |
| 1962 | Dec. 12 | 1,800 | 9.08 | 1970 | Mar. 19 | 574 | 3.57 | 1988 | Jan. 30 | 1,370 | 5.17 |
| 1963 | Mar. 05 | 1,130 | 6.36 | 1971 | Jan. 04 | 818 | 4.94 | 1989 | Mar. 04 | 1,530 | 5.59 |
| 1964 | Mar. 25 | 1,670 | 8.60 | 1972 | Jan. 10 | 833 | 5.00 | 1990 | Feb. 16 | 2,300 | 7.92 |
| 1965 | May 21 | 666 | 4.11 | 1973 | May 27 | 1,900 | 9.52 | | | | |

## 02382200 TALKING ROCK CREEK NEAR HINTON, GEORGIA

LOCATION.--Lat 34°31'22", long 84°36'40", Pickens County, on left bank 300 ft downstream from Scarecorn Creek, and 3.3 mi northwest of Hinton.
DRAINAGE AREA.--119 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 893.69 ft above sea level (levels by Global Positioning System from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,100 $ft^3/s$, and extended above on the basis of slope-area computations.
HISTORICAL DATA.--The flood of 1973 is thought to be the highest since 1951, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1973 | May. 28 | 18,400 | 15.45 | 1979 | Mar. 04 | 14,100 | 14.18 | 1985 | Feb. 01 | 2,370 | 5.68 |
| 1974 | Apr. 13 | 4,850 | 8.45 | 1980 | Mar. 21 | 7,090 | 10.16 | 1986 | Aug. 21 | 1,620 | 4.60 |
| 1975 | July 02 | 3,550 | 7.26 | 1981 | June 04 | 2,500 | 5.87 | 1987 | Feb. 28 | 3,680 | 7.26 |
| 1976 | May. 15 | 4,600 | 8.25 | 1982 | Jan. 03 | 11,800 | 13.04 | 1988 | Jan. 20 | 2,530 | 5.90 |
| 1977 | Apr. 04 | 10,300 | 12.35 | 1983 | Feb. 02 | 3,170 | 6.71 | 1989 | Sept.30 | 4,980 | 8.59 |
| 1978 | Nov. 05 | 4,060 | 7.66 | 1984 | Mar. 20 | 3,570 | 7.14 | 1990 | Feb. 16 | 11,200 | 12.02 |

## 02382300 TALKING ROCK CREEK NEAR CARTERS, GEORGIA

LOCATION.--Lat 34°35'20", long 84°40'05", Murray County, near center of channel on downstream side of pier of bridge on State Highway 156, 2.1 mi upstream from mouth, and 2.2 mi southeast of Carters.
DRAINAGE AREA.--142 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 667.67 ft above sea level (levels by the U.S. Army Corps of Engineers). Water-stage recorder for station on Coosawattee River at Carters used as auxilliary gage for this station.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 8,700 $ft^3/s$, and above on the basis of straight-line extension. State-discharge relation affected by backwater from Coosawattee River. Bankfull stage and discharge, 16 ft and 6,500 $ft^3/s$.
REMARKS.--Peak stages furnished by the U.S. Army Corps of Engineers.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 26 | 11,600 | 17.98 | 1967 | Aug. 24 | 3,200 | 10.07 | 1970 | Mar. 19 | 2,080 | 7.35 |
| 1965 | Oct. 04 | 3,300 | 14.60 | 1968 | Jan. 10 | 4,200 | 12.40 | 1971 | Jan. 24 | 2,830 | 10.20 |
| 1966 | Mar. 04 | 12,700 | 18.23 | 1969 | Feb. 02 | 4,980 | 15.17 | | | | |

## 02382500 COOSAWATTEE RIVER AT CARTERS, GEORGIA

LOCATION.--Lat 34°36'13", long 84°41'44", Murray County, on downstream side of center bank pier of bridge on old U.S. Highway 411 at Carters, 200 ft upstream from Louisville & Nashville Railroad bridge, and 0.6 mi downstream from Talking Rock Creek, and 0.4 mi downstream from Carters re-regulation dam.
DRAINAGE AREA.--521 $mi^2$ (revised).
GAGE.--Water-stage recorder. Prior to September 1923, nonrecording gage at site 0.2 mi upstream at datum 2.00 ft higher. Datum of gage is 650.67 ft above sea level (levels by the U.S. Army Corps of Engineers), supplementary adjustment of 1936 (revised). All gage heights have been converted to same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 26,000 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 22 ft and 11,000 $ft^3/s$.
HISTORICAL DATA.--Peak stages of April 1938, March 1950, and March 1951 obtained from levels to floodmarks. The March 1951 flood is thought to be the highest since 1886, based on gaging-station records at Conasauga River at Tilton.
REMARKS.--Peak discharges are regulated by Carters Lake (maximum flood-control storage, 230,000 acre-ft) and Carters re-regulation dam (maximum flood-control storage, 17,300 acre-ft) since November 1974. Records furnished by the U.S. Army Corps of Engineers, from 1962-78.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1897 | Mar. 12 | 13,700 | 23.20 | 1923 | Dec. 17 | 15,200 | 24.50 | 1976 | July 07 | 5,750 | 13.65 |
| 1898 | Apr. 05 | 7,600 | 15.50 | 1938 | Apr. 08 | 46,000 | 33.30c | 1977 | Apr. 18 | 6,370 | 14.80 |
| 1899 | Oct. 05 | 16,000 | 25.00 | 1950 | Mar. 13 | 23,500 | 27.94c | 1978 | Jan. 30 | 5,100 | 12.50 |
| 1900 | Feb. 13 | 13,000 | 22.50 | 1951 | Mar. 30 | 57,000 | 36.00c | 1979 | Mar. 12 | 5,110 | 13.21 |
| 1901 | May. 21 | 12,000 | 21.50 | 1962 | Dec. 12 | 25,200 | 28.40 | 1980 | Mar. 28 | 5,080 | 13.14 |
| 1902 | Feb. 28 | 16,000 | 25.00 | 1963 | Mar. 06 | 22,600 | 27.80 | 1981 | Jan. 06 | 3,490 | 10.25 |
| 1903 | Feb. 28 | 14,000 | 23.50 | 1964 | Mar. 26 | 25,800 | 28.10 | 1982 | Feb. 02 | 5,760 | 14.47 |
| 1904 | Mar. 23 | 2,620 | 7.20 | 1965 | Oct. 05 | 24,100 | 27.50 | 1983 | Dec. 10 | 5,780 | 14.45 |
| 1905 | Jan. 12 | 8,200 | 16.50 | 1966 | Mar. 04 | 20,900 | 26.46 | 1984 | May. 14 | 5,320 | 13.58 |
| 1906 | Mar. 15 | 11,300 | 20.80 | 1967 | Aug. 24 | 9,220 | 20.48 | 1985 | Apr. 25 | 3,230 | 9.78 |
| 1907 | Nov. 19 | 28,500 | 30.60 | 1968 | Dec. 22 | 10,100 | 21.63 | 1986 | Dec. 03 | 1,770 | 6.86 |
| 1908 | Feb. 15 | 7,900 | 16.00 | 1969 | Feb. 02 | 13,800 | 23.73 | 1987 | Mar. 05 | 4,120 | 11.40 |
| 1919 | Dec. 22 | 11,500 | 21.00 | 1970 | June 05 | 6,910 | 16.75 | 1988 | Apr. 14 | 1,730 | 6.78 |
| 1920 | Apr. 02 | 19,000 | 26.50 | 1971 | Jan. 24 | 8,030 | 18.62 | 1989 | Mar. 11 | 4,940 | 12.89 |
| 1921 | Dec. 14 | 25,800 | 29.50 | 1972 | Jan. 04 | 10,100 | 21.59 | 1990 | Feb. 16 | 8,370 | 18.94 |
| 1922 | Jan. 21 | 23,200 | 28.50 | 1975 | Jan. 25 | 4,240 | 11.65 | | | | |

## 02382600 SUGAR CREEK NEAR CHATSWORTH, GEORGIA

LOCATION.--Lat 34°40'26", long 84°42'40", Murray County, at culvert on Old U.S. Highway 411, 7.5 mi southeast of Chatsworth.
DRAINAGE AREA.--7.30 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 710 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 548 $ft^3/s$, and above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 26 | 630 | 3.53 | 1969 | Feb. 02 | 486 | 2.70 | 1973 | May. 27 | 949 | 6.20 |
| 1966 | Mar. 04 | 995 | 7.00 | 1970 | Apr. 01 | 585 | 3.20 | 1974 | Dec. 31 | 899 | 5.60 |
| 1967 | May. 12 | 391 | 2.33 | 1971 | Feb. 26 | 252 | 1.80 | 1977 | Apr. 04 | 1,040 | 7.78c |
| 1968 | Dec. 22 | 665 | 3.70 | 1972 | Jan. 04 | 462 | 2.60 | 1990 | Feb. 16 | 1,100 | 8.63c |

## 02382800 DRY CREEK AT OAKMAN, GEORGIA

LOCATION.--Lat 34°33'13", long 84°42'27", Gordon County, at culvert on U.S. Highway 411, 0.8 mi south of Oakman.
DRAINAGE AREA.--3.06 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Aug. 11, 1970; water-stage/rainfall recorder thereafter. Datum of gage is about 715 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 40 $ft^3/s$, and above on the basis of culvert computations.
HISTORICAL DATA.--Flood of 1977 is thought to be the highest since 1951, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | June 07 | 443 | 2.97 | 1970 | Apr. 01 | 142 | 1.74 | 1974 | Dec. 31 | 467 | 3.07 |
| 1966 | Mar. 04 | 754 | 4.47 | 1971 | Feb. 22 | 426 | 2.90 | 1977 | Apr. 04 | 1,410 | 8.45c |
| 1967 | May 12 | 278 | 2.29 | 1972 | Jan. 10 | 252 | 2.19 | 1979 | Mar. 04 | 900 | 5.20c |
| 1968 | Dec. 22 | 328 | 2.49 | 1973 | May 27 | 721 | 4.22 | 1990 | Feb. 16 | 1,020 | 5.73 |
| 1969 | Feb. 02 | 290 | 2.34 | | | | | | | | |

## 02382900 PINE LOG CREEK AT RYDAL, GEORGIA

LOCATION.--Lat 34°22'02", long 84°42'45", Bartow County, at U.S. Highway 411 (State Highway 61), 2 mi north of Rydal.
DRAINAGE AREA.--12.8 $mi^2$.
GAGE.--Crest-stage gage prior to Aug. 2, 1967; flood-stage recorder Aug. 2 to Dec. 18, 1967; flood-stage/rainfall recorder thereafter. Datum of gage is about 769 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 800 $ft^3/s$, and above on the basis of straight-line extension.
HISTORICAL DATA.--Flood of 1964 is thought to be the highest since 1951, based on information at nearby stations.
REMARKS.--The peak discharge for the flood of 1964 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 23 | 3,800 | 10.00 | 1969 | Feb. 02 | 376 | 3.52 | 1973 | Dec. 15 | 1,100 | 5.76 |
| 1965 | Mar. 26 | 1,030 | 5.57 | 1970 | Mar. 19 | 436 | 3.72 | 1974 | Mar. 29 | 811 | 4.91 |
| 1966 | Mar. 04 | 613 | 4.29 | 1971 | Feb. 22 | 448 | 3.76 | 1977 | Apr. 04 | 1,510 | 6.85c |
| 1967 | Aug. 24 | 348 | 3.42 | 1972 | Mar. 21 | 715 | 4.61 | 1990 | Feb. 16 | 1,510 | 6.85c |
| 1968 | Jan. 10 | 348 | 3.42 | | | | | | | | |

## 02383000 ROCK CREEK NEAR FAIRMOUNT, GEORGIA

LOCATION.--Lat 34°21'32", long 84°46'46", Bartow County, on right upstream wingwall of culvert on State Highway 140, 2.8 mi upstream from mouth and 7 mi southwest of Fairmount.
DRAINAGE AREA.--6.17 $mi^2$ (revised).
GAGE.--Water-stage recorder prior to May 2, 1968; water-stage/rainfall recorder thereafter. Datum of gage is 758.96 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 350 $ft^3/s$, and above on the basis of culvert computations. Stage-discharge relation had considerable change after 1972 owing to culvert installation near gage.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1952 | Mar. 22 | 735 | 4.01 | 1961 | Feb. 25 | 735 | 4.01 | 1970 | Mar. 20 | 257 | 2.92 |
| 1953 | Sept.25 | 313 | 3.04 | 1962 | Dec. 12 | 855 | 4.25 | 1971 | Feb. 22 | 282 | 2.93 |
| 1954 | Jan. 16 | 820 | 4.18 | 1963 | Apr. 29 | 580 | 3.70 | 1972 | Mar. 22 | 401 | 3.48 |
| 1955 | Mar. 22 | 745 | 4.03 | 1964 | Mar. 25 | 971 | 4.33a | 1973 | May. 27 | 860 | 6.00 |
| 1956 | Apr. 16 | 249 | 2.82 | 1965 | Mar. 24 | 310 | 3.14 | 1974 | Apr. 04 | 263 | 3.84 |
| 1957 | Apr. 05 | 454 | 3.43 | 1966 | Mar. 04 | 461 | 3.67 | 1977 | Apr. 04 | 1,400 | 8.25c |
| 1958 | Sept. 21 | 175 | 2.50 | 1967 | May 22 | 222 | 2.76 | 1979 | Mar. 04 | 1,150 | 7.29c |
| 1959 | May. 20 | 155 | 2.39 | 1968 | Jan. 10 | 254 | 2.91 | 1990 | Feb. 16 | 700 | 5.38c |
| 1960 | Apr. 03 | 132 | 2.25 | 1969 | Feb. 02 | 362 | 3.34 | | | | |

## 02383200 REBUD CREEK NEAR RANGER, GEORGIA

LOCATION.--Lat 34°31'57", long 84°43'39", Gordon County, at culvert on State Highway 156, 3.5 mi northwest of Ranger.
DRAINAGE AREA.--1.97 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 700 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 458 $ft^3/s$, and above on the basis of culvert computations.
HISTORICAL DATA.--Flood of 1977 is thought to be the highest since 1951, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 23 | 294 | 3.45 | 1969 | Feb. 02 | 214 | 3.12 | 1973 | May. 27 | 678 | 4.62 |
| 1965 | Mar. 26 | 411 | 3.90 | 1970 | Mar. 19 | 112 | 2.62 | 1974 | Dec. 31 | 375 | 3.77 |
| 1966 | Mar. 04 | 710 | 4.70 | 1971 | Feb. 22 | 290 | 3.44 | 1977 | Apr. 04 | 1,210 | 6.20c |
| 1967 | May. 12 | 328 | 3.59 | 1972 | Mar. 21 | 132 | 2.72 | 1990 | Feb. 16 | 370 | 3.74c |
| 1968 | Dec. 22 | 335 | 3.62 | | | | | | | | |

## 02383220 REBUD CREEK TRIBUTARY NEAR RANGER, GEORGIA

LOCATION.--Lat 34°32'29", long 84°44'10", Gordon County, at culvert on State Highway 156, 3.2 mi northwest of Ranger.
DRAINAGE AREA.--0.56 $mi^2$.
GAGE.--Flood-stage recorder. Datum of gage is about 710 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 204 $ft^3/s$, and above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 26 | 170 | 3.41 | 1969 | Feb. 02 | 72.0 | 2.21 | 1972 | Mar. 21 | 63.0 | 2.09 |
| 1966 | Apr. 28 | 264 | 4.35 | 1970 | Mar. 19 | 68.0 | 2.16 | 1973 | May. 27 | 410 | 5.64 |
| 1967 | May. 12 | 58.0 | 2.01 | 1971 | Feb. 22 | 53.0 | 1.94 | 1990 | Feb. 16 | 165 | 3.37c |
| 1968 | Dec. 22 | 72.0 | 2.21 | | | | | | | | |

## 02383500 COOSAWATTEE RIVER NEAR PINE CHAPEL, GEORGIA
(Formerly published as "Coosawattee River at Pine Chapel, Georgia")

LOCATION.--Lat 34°33'51", long 84°49'59", Gordon County, on right bank at downstream side of Owens Bridge on Owens Gin Road, 1.4 mi downstream from Sallacoa Creek, 8.7 mi upstream from confluence with Conasauga River, and 2.4 mi east of Pine Chapel (revised).
DRAINAGE AREA.--831 $mi^2$, at site downstream 847 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 616.16 ft above sea level (levels by the U.S. Army Corps of Engineers). Since October 1, 1976, auxiliary water-stage recorder at highway bridge 2.2 mi downstream. Prior to Feb. 23, 1940, nonrecording gage at current auxiliary gage site and datum. Feb. 23, 1940, to April 8, 1975, water-station recorder at current auxiliary gage site and same datum. Feb. 23, 1940, to April 8, 1975 auxiliary water-stage recorder at current gage site. April 9, 1975, to Sept. 30, 1976, water-stage recorder on Oostanaula River at Resaca used as auxiliary age, owing to bridge construction.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 29,000 $ft^3/s$, and extended above on the basis of straight-line extension. Stage-discharge relation is affected by backwater from Conasauga River, and the fall between gages is used as a factor in computing discharge. Bankfull stage and discharge, 23 ft and about 15,000 $ft^3/s$.
REMARKS.--Peak discharges are regulated by Carters Lake (maximum flood-control storage, 230,000 acre-ft) and Carters re-regulation dam (maximum flood-control storage 17,300 acre-ft) since November 1974. Discharge given for 1975 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Apr. 08 | 34,000 | 30.00 | 1956 | Apr. 17 | 10,800 | 25.30 | 1974 | Jan. 01 | 11,200 | 26.10a |
| 1939 | Feb. 16 | 9,680 | 20.70 | 1957 | Apr. 06 | 24,600 | 31.00 | 1975 | Mar. 14 | 7,910 | -- |
| 1940 | July 13 | 6,560 | 13.90a | 1958 | Nov. 19 | 7,980 | 22.00 | 1976 | Apr. 01 | 14,700 | 27.08a |
| 1941 | July 16 | 5,290 | 12.80 | 1959 | Feb. 14 | 7,100 | 19.30 | 1977 | Mar. 30 | 17,200 | 27.93a |
| 1942 | Feb. 18 | 13,500 | 27.10 | 1960 | Mar. 04 | 9,840 | 23.90 | 1978 | Jan. 26 | 9,770 | 23.33 |
| 1943 | Dec. 30 | 23,300 | 30.70 | 1961 | Feb. 26 | 18,200 | 29.00 | 1979 | Mar. 04 | 24,900 | 30.07 |
| 1944 | Mar. 30 | 15,900 | 28.50 | 1962 | Dec. 13 | 28,200 | 31.70 | 1980 | Mar. 09 | 11,800 | 26.03 |
| 1945 | Feb. 14 | 9,750 | 23.00 | 1963 | Mar. 07 | 21,600 | 30.10 | 1981 | Mar. 31 | 6,180 | 17.48 |
| 1946 | Feb. 11 | 32,000 | 32.70 | 1964 | Mar. 26 | 32,000 | 31.90a | 1982 | Jan. 04 | 19,800 | 28.77 |
| 1947 | Jan. 21 | 19,400 | 31.80 | 1965 | Mar. 27 | 10,600 | 25.70 | 1983 | Apr. 10 | 8,190 | 22.63 |
| 1948 | Feb. 13 | 11,300 | 26.50 | 1966 | Mar. 05 | 18,400 | 29.00 | 1984 | Dec. 04 | 8,250 | 22.39 |
| 1949 | Nov. 29 | 26,700 | 31.60 | 1967 | Aug. 25 | 8,820 | 22.80 | 1985 | Feb. 02 | 5,430 | 16.68 |
| 1950 | Mar. 14 | 26,200 | 31.40 | 1968 | Jan. 11 | 11,500 | 26.80a | 1986 | Feb. 18 | 2,880 | 10.61 |
| 1951 | Mar. 30 | 40,200 | 34.20 | 1969 | Feb. 03 | 15,000 | 27.70a | 1987 | Mar. 01 | 8,720 | 23.44 |
| 1952 | Mar. 12 | 12,300 | 27.10 | 1970 | Mar. 21 | 8,680 | 21.40 | 1988 | Jan. 21 | 4,290 | 14.43 |
| 1953 | Jan. 10 | 9,310 | 23.00 | 1971 | Jan. 25 | 9,360 | 23.30a | 1989 | Mar. 06 | 8,990 | 23.94 |
| 1954 | Jan. 17 | 35,200 | 33.30 | 1972 | Jan. 12 | 10,900 | 26.20 | 1990 | Feb. 17 | 20,600 | 29.55 |
| 1955 | Feb. 08 | 13,800 | 27.80 | 1973 | May 29 | 23,200 | 29.74 | | | | |

## 02384000 CONASAUGA RIVER NEAR TENNGA, GEORGIA

LOCATION.--Lat 35°00'34", long 84°44'02", Polk County, Tenn., at U.S. Highway 411, 1.5 mi north of Tennga.
DRAINAGE AREA.--108 $mi^2$.
GAGE.--Nonrecording prior to Sept. 30, 1943; water-stage recorder Sept. 30, 1943, to Dec. 31, 1947; crest-stage gage after Aug. 24, 1950. Prior to Jan. 1, 1932, at datum 1.08 ft lower. Datum of gage is 755.78 ft above sea level (levels by the U.S. Army Corps of Engineers), supplementary adjustment of 1936. All gage heights have been converted to the same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 14,000 $ft^3/s$, and above on the basis of straight line extension. Bankfull stage and discharge, 14 ft and about 5,000 $ft^3/s$.
REMARKS.--Stage records for 1938 and 1940-43 furnished by the U.S. Army Corps of Engineers.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1930 | Nov. 15 | 4,940 | 13.30 | 1953 | Feb. 27 | 10,300 | 15.58 | 1966 | Feb. 14 | 8,940 | 15.12 |
| 1931 | Apr. 04 | 4,380 | 12.90 | 1954 | Jan. 16 | 12,300 | 16.33 | 1967 | July 08 | 10,400 | 15.66 |
| 1938 | Apr. 08 | 8,360 | 14.90 | 1955 | Feb. 06 | 6,520 | 14.13 | 1968 | Dec. 22 | 7,880 | 14.70 |
| 1940 | Feb. 06 | 1,880 | 9.50 | 1956 | Apr. 16 | 10,300 | 15.64 | 1969 | Feb. 03 | 8,600 | 15.01 |
| 1941 | July 07 | 1,400 | 8.60 | 1957 | Feb. 01 | 14,400 | 17.01 | 1970 | Dec. 30 | 5,120 | 13.44 |
| 1942 | Feb. 16 | 7,400 | 14.50 | 1958 | Apr. 28 | 19,400 | 18.20 | 1971 | July 07 | 8,310 | 14.88 |
| 1943 | Dec. 29 | 7,640 | 14.60 | 1959 | Jan. 22 | 12,600 | 16.42 | 1972 | Jan. -- | 2,500 | --b |
| 1944 | Mar. 29 | 9,720 | 15.40 | 1960 | Nov. 29 | 9,160 | 15.19 | 1973 | Mar. 16 | 11,100 | 15.39 |
| 1945 | Feb. 17 | 8,120 | 14.80 | 1961 | June 22 | 12,000 | 16.16 | 1974 | Dec. 26 | 8,020 | 14.76 |
| 1946 | Feb. 10 | 14,100 | 16.90 | 1962 | Dec. 12 | 13,200 | 16.63 | 1975 | Mar. 30 | 12,700 | 16.42 |
| 1947 | Jan. 20 | 12,900 | 16.50 | 1963 | Mar. 12 | 13,800 | 16.75 | 1976 | July 05 | 6,100 | 13.90 |
| 1951 | Mar. 28 | 16,400 | 17.54 | 1964 | Apr. 08 | 12,300 | 16.26 | 1990 | Feb. 16 | 11,100 | 15.88c |
| 1952 | Mar. 10 | 11,400 | 16.02 | 1965 | Mar. 26 | 14,100 | 16.91 | | | | |

## 02384500 CONASAUGA RIVER NEAR ETON, GEORGIA

LOCATION.--Lat 35°49'40", long 84°51'03", Murray County, at State Highway 286, 5 mi west of Eton.
DRAINAGE AREA.--252 $mi^2$ (revised).
GAGE.--Water-stage recorder. Crest-stage gage prior to Sept. 30, 1981 at site 75 ft downstream and at datum 3.00 ft higher. Datum of gage is 672.64 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 29,500 $ft^3/s$. Bankfull stage and discharge, 10 ft and about 5,000 $ft^3/s$.
HISTORICAL DATA.--Flood of 1990 is thought to be the highest since 1951, based on information at nearby stations.
REMARKS.--All gage heights have been converted to the present datum.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1954 | Jan. 16 | 14,700 | 16.75 | 1969 | Feb. 03 | 11,600 | 15.40 | 1980 | Mar. 22 | 18,200 | 17.04 |
| 1955 | Feb. 06 | 6,500 | 14.03 | 1970 | Apr. 01 | 3,500 | 11.80 | 1981 | Feb. 11 | 3,680 | 12.10 |
| 1956 | May 28 | 8,100 | 14.77 | 1971 | Feb. 05 | 4,850 | 13.01 | 1982 | Jan. 04 | 11,200 | 14.91 |
| 1957 | Feb. 01 | 18,000 | 17.52 | 1972 | Jan. 05 | 4,000 | 12.30 | 1983 | Dec. 02 | 9,910 | 14.48 |
| 1958 | Apr. 28 | 14,300 | 16.70 | 1973 | Mar. 17 | 25,200 | 18.59 | 1984 | May 04 | 8,880 | 14.09 |
| 1963 | Mar. 13 | 13,600 | 15.77 | 1974 | Dec. 31 | 6,310 | 13.66 | 1985 | Feb. 02 | 8,510 | 13.94 |
| 1964 | Mar. 15 | 15,100 | 16.04 | 1975 | Mar. 30 | 13,900 | 15.97 | 1986 | Feb. 19 | 3,030 | 10.21 |
| 1965 | Mar. 26 | 15,800 | 16.46 | 1976 | July 05 | 4,920 | 12.99 | 1987 | Jan. 20 | 6,850 | 13.19 |
| 1966 | Feb. 14 | 7,570 | 14.29 | 1977 | Apr. 04 | 10,300 | 15.08 | 1988 | Jan. 21 | 4,940 | 12.10 |
| 1967 | Aug. 28 | 4,840 | 13.00 | 1978 | Jan. 26 | 5,170 | 13.12 | 1989 | Mar. 01 | 7,140 | 13.33 |
| 1968 | Dec. 22 | 9,720 | 14.93 | 1979 | Mar. 04 | 11,200 | 15.29 | 1990 | Feb. 16 | 33,200 | 20.50 |

## 02384540 MILL CREEK NEAR CRANDALL, GEORGIA

LOCATION.--Lat 34°52'19", long 84°43'17", Murray County, on right bank 100 ft south of Forest Service Road 630, 1.3 mi upstream from Cohan Creek, 1.4 mi northeast of Crandall.
DRAINAGE AREA.--8.27 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 888.98 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 420 $ft^3/s$, and extended above on the basis of slope-area computations. Bankfull stage and discharge, 4 ft and 300 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1985 | Feb. 01 | 272 | 3.39 | 1987 | Feb. 28 | 305 | 3.60 | 1989 | Sept.30 | 894 | 4.95 |
| 1986 | Feb. 18 | 179 | 3.05 | 1988 | Jan. 20 | 363 | 3.81 | 1990 | Feb. 16 | 2,240 | 6.96 |

## 02384600 PINHOOK CREEK NEAR ETON, GEORGIA
(Formerly published as "Mill Creek Tributary near Eton, Georgia")

LOCATION.--Lat 34°49'38", long 84°48'58", Murray County, at culvert on State Highway 286, 3 mi west of Eton.
DRAINAGE AREA.--4.28 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Dec. 27, 1974; crest-stage gage thereafter. Datum of gage is 706.72 ft above sea level (levels by Global Positioning System).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 226 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 25 | 367 | 5.42 | 1973 | Mar. 16 | 665 | 6.57 | 1982 | Jan. 03 | 376 | 5.47 |
| 1965 | Mar. 26 | 442 | 5.77 | 1974 | Apr. 04 | 410 | 5.63 | 1983 | Nov. 30 | 392 | 5.55 |
| 1966 | Mar. 04 | 412 | 5.64 | 1975 | Mar. 29 | 480 | 5.93 | 1984 | May 02 | 662 | 6.56 |
| 1967 | Aug. 22 | 960 | 7.30 | 1976 | July 04 | 426 | 5.70 | 1985 | Oct. 23 | 313 | 5.13 |
| 1968 | Dec. 18 | 474 | 5.91 | 1977 | Apr. 04 | 428 | 5.71 | 1986 | Mar. 12 | 164 | 3.74 |
| 1969 | Feb. 02 | 242 | 4.64 | 1978 | Nov. 05 | 380 | 5.49 | 1987 | Nov. 25 | 126 | 3.21 |
| 1970 | Apr. 02 | 227 | 4.51 | 1979 | July 25 | 940 | 7.25 | 1988 | Jan. 20 | 273 | 4.88 |
| 1971 | Feb. 05 | 263 | 4.80 | 1980 | Apr. 14 | 374 | 5.46 | 1989 | Feb. 21 | 254 | 4.73 |
| 1972 | May 13 | 228 | 4.52 | 1981 | Feb. 11 | 169 | 3.84 | 1990 | Feb. 16 | 768 | 6.86 |

## 02385000 COAHULLA CREEK NEAR VARNELL, GEORGIA

LOCATION.--Lat 34°53'43", long 84°55'15", Whitfield County, 350 ft downstream from Praters Mill, 2 mi upstream from Spring Creek, and 3 mi east of Varnell.
DRAINAGE AREA.--86.7 $mi^2$.
GAGE.--Water-stage recorder prior to Jan. 1, 1943; crest-stage gage after Aug. 24, 1950. Datum of gage is 704.92 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,700 $ft^3/s$, and above by adjustment of current-meter measurements made at a bridge 6 mi downstream, and slope-conveyance studies. Bankfull stage and discharge, 10 ft and 1,400 $ft^3/s$.
HISTORICAL DATA.--Peak stage for 1919 or 1920 based on information furnished by local resident. Discharges for 1919 and 1951 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1919 | Mar. -- | 12,500 | 16.80c | 1952 | Mar. 11 | 3,380 | 12.00 | 1958 | Nov. -- | 3,380 | 12.00 |
| 1940 | Feb. 18 | 2,300 | 11.30 | 1953 | Feb. 21 | 2,680 | 11.50 | 1959 | Apr. 19 | 2,180 | 11.00 |
| 1941 | July 08 | 1,040 | 9.40 | 1954 | Jan. 22 | 5,340 | 12.90 | 1960 | Mar. 03 | 3,660 | 12.16 |
| 1942 | Feb. 17 | 1,350 | 10.00 | 1955 | Mar. 23 | 2,680 | 11.50 | 1961 | May 23 | 3,960 | 12.32 |
| 1943 | Dec. 29 | 6,600 | 13.80 | 1956 | Apr. 17 | 2,930 | 11.70 | 1962 | Dec. 12 | 6,470 | 13.26 |
| 1951 | Mar. 29 | 10,000 | 15.70 | 1957 | Feb. 02 | 5,080 | 12.80 | | | | |

## 02385700 ROCK CREEK NEAR CHATSWORTH, GEORGIA

LOCATION.--Lat 34°46'33", long 84°44'33", Murray County, at culvert on secondary road 2321, 1.5 mi northeast of Chatsworth.
DRAINAGE AREA.--3.46 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 812 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 220 $ft^3/s$, and extended above on basis of culvert computations.
REMARKS.--The flood of 1990 is thought to be the highest since 1951, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 26 | 403 | 3.76 | 1969 | Feb. 02 | 206 | 2.94 | 1973 | May 27 | 397 | 3.74 |
| 1966 | Mar. 04 | 387 | 3.70 | 1970 | Dec. 30 | 243 | 3.10 | 1974 | Apr. 04 | 434 | 3.88 |
| 1967 | May 12 | 241 | 3.09 | 1971 | Oct. 29 | 182 | 2.83 | 1979 | Mar. 04 | 750 | 5.63 |
| 1968 | Dec. 22 | 252 | 3.14 | 1972 | Jan. 10 | 173 | 2.79 | 1990 | Feb. 16 | 2,300 | 9.42c |

## 02385800 HOLLY CREEK NEAR CHATSWORTH, GEORGIA

LOCATION.--Lat 34°43'00", long 84°46'12", Murray County, on right bank 100 ft upstream from bridge on county road 48, 3 mi upstream from Rock Creek, and 3.3 mi south of Chatsworth.
DRAINAGE AREA.--64.0 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 689.25 ft above sea level (levels by Global Positioning System).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 10,200 $ft^3/s$, and extended above on basis of contracted-opening mesurement at 20,600 $ft^3/s$. Bankfull stage and discharge, 9 ft and 1,900 $ft^3/s$.
REMARKS.--The flood of 1990 is thought to be the highest since 1951, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 23 | 3,480 | 10.24 | 1971 | July 31 | 1,510 | 8.74 | 1981 | Feb. 11 | 1,560 | 8.62 |
| 1962 | Dec. 12 | 4,920 | 11.09 | 1972 | Jan. 05 | 1,410 | 8.65 | 1982 | Jan. 04 | 4,430 | 10.53 |
| 1963 | Mar. 12 | 4,810 | 11.03 | 1973 | May 28 | 4,170 | 10.43 | 1983 | Dec. 01 | 3,380 | 9.82 |
| 1964 | Mar. 15 | 6,040 | 11.37 | 1974 | Dec. 31 | 4,700 | 10.70 | 1984 | Dec. 28 | 2,600 | 9.33 |
| 1965 | Mar. 26 | 4,700 | 10.70 | 1975 | Mar. 30 | 3,350 | 10.08 | 1985 | Feb. 01 | 1,560 | 8.55 |
| 1966 | Feb. 13 | 3,840 | 10.06 | 1976 | July 05 | 2,520 | 9.25 | 1986 | Feb. 18 | 1,170 | 8.19 |
| 1967 | Aug. 27 | 2,430 | 9.42 | 1977 | Apr. 05 | 5,500 | 11.00 | 1987 | Jan. 19 | 2,370 | 9.14 |
| 1968 | Dec. 22 | 2,700 | 9.58 | 1978 | Jan. 09 | 3,780 | 10.11 | 1988 | Jan. 20 | 1,910 | 8.81 |
| 1969 | Feb. 02 | 2,850 | 9.71 | 1979 | Mar. 04 | 9,110 | 12.54 | 1989 | June 20 | 4,260 | 10.40 |
| 1970 | Dec. 31 | 2,030 | 9.10 | 1980 | Apr. 14 | 4,210 | 10.18 | 1990 | Feb. 16 | 20,600 | 14.87 |

## 02387000 CONASAUGA RIVER AT TILTON, GEORGIA

LOCATION.--Lat 34°40'00", long 84°55'42", Murray County, on left bank 250 ft downstream from Tilton Road bridge, 0.2 mi downstream from Swamp Creek, 0.5 mi northeast of Tilton, and 12 mi upstream from confluence with Coosawattee River.
DRAINAGE AREA.--687 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 622.28 ft above sea level (levels by the U.S. Army Corps of Engineers), supplementary adjustment of 1936. Prior to Aug. 24, 1940, nonrecording gage at site 150 ft upstream at same datum. Water-stage recorder on Oostanaula River at Resaca used as auxiliary gage from 1961 to 1979. Since 1979, auxiliary water-stage recorder at Sloan bridge, 3.2 mi downstream.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 33,100 $ft^3/s$. Stage-discharge relation is affected by backwater, and the fall between this gage and auxiliary gage is used as a factor in computing discharge. Bankfull stage and discharge, 19 ft and 8,600 $ft^3/s$.
HISTORICAL DATA.--Peak stage for April 1886 based on inforamtion furnished by local resident, and is highest since 1834, based on information at gaging station at Oostanaula River at Resaca.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | Apr. 01 | 40,000 | 34.00c | 1955 | Feb. 09 | 8,970 | 19.90 | 1973 | Mar. 18 | 26,300 | 28.13 |
| 1938 | Apr. 10 | 20,300 | 25.40 | 1956 | Feb. 06 | 11,600 | 21.30 | 1974 | Nov. 30 | 10,500 | 20.54 |
| 1939 | Feb. 17 | 11,300 | 21.10 | 1957 | Feb. 03 | 25,000 | 27.30 | 1975 | Apr. 01 | 16,800 | 24.60 |
| 1940 | Mar. 16 | 5,880 | 15.20 | 1958 | Nov. 20 | 17,500 | 24.20 | 1976 | July 07 | 10,400 | 20.49 |
| 1941 | July 08 | 4,700 | 13.10 | 1959 | Apr. 22 | 9,530 | 19.80 | 1977 | Apr. 06 | 19,700 | 24.34 |
| 1942 | Feb. 19 | 8,090 | 18.40 | 1960 | Mar. 05 | 12,100 | 21.60 | 1978 | Nov. 09 | 10,700 | 19.40a |
| 1943 | Dec. 31 | 20,700 | 25.60 | 1961 | Feb. 25 | 16,500 | 24.30 | 1979 | Mar. 06 | 18,900 | 24.73 |
| 1944 | Mar. 30 | 17,900 | 24.40 | 1962 | Dec. 20 | 20,700 | 26.10 | 1980 | Mar. 23 | 23,500 | 26.73 |
| 1945 | Feb. 20 | 10,700 | 20.70 | 1963 | Mar. 15 | 16,600 | 23.82 | 1981 | Feb. 13 | 6,300 | 15.70 |
| 1946 | Feb. 12 | 22,400 | 26.30 | 1964 | Mar. 17 | 21,100 | 25.74 | 1982 | Jan. 06 | 18,700 | 24.53 |
| 1947 | Jan. 21 | 26,000 | 27.70 | 1965 | Mar. 28 | 19,500 | 25.10 | 1983 | Dec. 04 | 13,500 | 21.72 |
| 1948 | Nov. 30 | 20,800 | 27.30 | 1966 | Mar. 06 | 12,100 | 21.62 | 1984 | May 06 | 13,600 | 21.78 |
| 1949 | Nov. 30 | 22,500 | 27.30 | 1967 | July 10 | 9,530 | 19.83 | 1985 | Feb. 04 | 9,870 | 19.60 |
| 1950 | Mar. 15 | 19,300 | 26.10 | 1968 | Dec. 24 | 13,400 | 22.80 | 1986 | Mar. 15 | 5,040 | 12.41 |
| 1951 | Mar. 30 | 29,000 | 30.20 | 1969 | Feb. 04 | 18,200 | 24.50 | 1987 | Mar. 02 | 11,500 | 20.50 |
| 1952 | Mar. 13 | 11,000 | 21.30 | 1970 | Apr. 04 | 8,330 | 18.58 | 1988 | Jan. 22 | 7,820 | 16.67 |
| 1953 | Feb. 24 | 10,800 | 20.80 | 1971 | Feb. 08 | 8,820 | 19.17 | 1989 | Mar. 02 | 11,100 | 20.09 |
| 1954 | Jan. 18 | 19,100 | 24.90 | 1972 | Jan. 07 | 8,070 | 19.05a | 1990 | Feb. 17 | 36,800 | 29.89 |

## 02387100 POLECAT CREEK NEAR SPRING PLACE, GEORGIA

LOCATION.--Lat 34°39'08", long 84°50'33", Murray County, at culvert on State Highway 225, 7.5 mi south of Spring Place.
DRAINAGE AREA.--1.22 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is 679.19 ft above sea level (levels by Global Positioning System).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 236 $ft^3/s$, and extended above on the basis of culvert computation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 23 | 390 | 4.93 | 1969 | Feb. 02 | 205 | 3.80 | 1974 | Dec. 31 | 272 | 4.51 |
| 1965 | Mar. 26 | 228 | 3.89 | 1970 | Apr. 01 | 219 | 4.23 | 1977 | Apr. 04 | 508 | 5.75 |
| 1966 | Mar. 04 | 828 | 7.75 | 1971 | Feb. 26 | 176 | 3.99 | 1979 | Mar. 04 | 703 | 7.02 |
| 1967 | Feb. 20 | 212 | 3.83 | 1972 | Jan. 04 | 149 | 3.84 | 1990 | Feb. 16 | 475 | 5.54c |
| 1968 | Dec. 22 | 298 | 4.30 | 1973 | Dec. 15 | 324 | 4.77 | | | | |

## 02387200 BEAMER CREEK NEAR SPRING PLACE, GEORGIA

LOCATION.--Lat 34°38'03", long 84°51'52", Murray County, at culvert on State Highway 225, 8.8 mi south of Spring Place.
DRAINAGE AREA.--1.29 $mi^2$.
GAGE.--Flood-stage recorder prior to May 1, 1968; flood-stage/rainfall recorder thereafter. Datum of gage is about 665 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 396 $ft^3/s$, and extended above on the basis of culvert computation.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 23 | 389 | 3.70 | 1969 | Feb. 02 | 245 | 2.92 | 1973 | Dec. 15 | 444 | 4.02 |
| 1965 | Mar. 26 | 231 | 2.87 | 1970 | Apr. 01 | 329 | 3.45 | 1974 | Dec. 31 | 322 | 3.42 |
| 1966 | Mar. 04 | 879 | 6.20 | 1971 | Feb. 26 | 245 | 3.07 | 1977 | Apr. 04 | 512 | 4.40c |
| 1967 | Feb. 20 | 282 | 3.07 | 1972 | Jan. 04 | 174 | 2.72 | 1979 | Mar. 04 | 670 | 5.20c |
| 1968 | Dec. 22 | 401 | 3.77 | | | | | | | | |

## 02387300 DEAD MANS BRANCH NEAR RESACA, GEORGIA

LOCATION.--Lat 34°35'44", long 84°52'11", Gordon County, at culvert on State Highway 225, 4.2 mi east of Resaca.
DRAINAGE AREA.--0.17 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Dec. 27, 1974; crest-stage gage thereafter. Datum of gage is about 670 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 20 $ft^3/s$, and extended above on the basis of culvert computation.
REMARKS.--Peak discharge for 1985 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 26 | 64 | 3.44 | 1973 | May 27 | 91 | 4.22 | 1981 | Mar. 30 | 36 | 2.44 |
| 1966 | Mar. 03 | 184 | 6.50 | 1974 | Dec. 31 | 67 | 3.52 | 1982 | Jan. 03 | 49 | 2.94 |
| 1967 | Feb. 20 | 36 | 2.47 | 1975 | Jan. 25 | 114 | 4.82 | 1983 | Apr. 06 | 80 | 3.90 |
| 1968 | Dec. 22 | 87 | 4.12 | 1976 | May 15 | 139 | 5.45 | 1984 | Dec. 03 | 123 | 5.06 |
| 1969 | Mar. 18 | 28 | 2.12 | 1977 | Apr. 04 | 172 | 6.25 | 1985 | Jan. 31 | 100 | 4.92 |
| 1970 | Dec. 30 | 56 | 3.17 | 1978 | May 08 | 121 | 5.00 | 1986 | July 01 | 130 | 5.23 |
| 1971 | Apr. 23 | 34 | 2.37 | 1979 | Mar. 04 | 149 | 5.69 | 1987 | Feb. 28 | 131 | 5.24 |
| 1972 | Jan. 04 | 36 | 2.47 | 1980 | Apr. 13 | 73 | 3.70 | 1990 | Feb. 16 | 105 | 4.65c |

## 02387500 OOSTANAULA RIVER AT RESACA, GEORGIA

LOCATION.--Lat 34°34'42", long 84°56'29", Gordon County, on downstream side of pier of bridge on U.S. Highway 41 at Resaca, 200 ft downstream from Nashville, Chattanooga & St. Louis Railway bridge, 0.8 mi upstream from Camp Creek, and 3.5 mi downstream from confluence of Conasauga and Coosawattee Rivers.

DRAINAGE AREA.--1,600 $mi^2$, approximately (revised).

GAGE.--Water-stage recorder. Datum of gage is 604.14 ft above sea level (levels by the U.S. Army Corps of Engineers). Prior to Mar. 23, 1919, nonrecording gage at site 200 ft upstream at same datum. March 23, 1919, to Oct. 23, 1928, nonrecording gage at site 400 ft downstream at same datum. Oct. 24, 1928, to Sept. 11, 1938, nonrecording gage at present site and datum. From Oct. 28, 1948, to May 31, 1979, auxiliary nonrecording gage at bridge on State Highway 143, 7.1 mi downstream. Since June 1, 1979, auxiliary water-stage recorder at Calhoun water-works intake, 6.5 mi downstream.

STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 44,000 $ft^3/s$, and extended above on the basis of straight-line extension. Stage-discharge relation is affected by backwater, and the fall between the base and auxiliary gages is used as a factor in computing discharge. Bankfull stage and discharge, 24 ft and 20,000 $ft^3/s$.

HISTORICAL DATA.--Peak stage of April 1886 based on information furnished by the National Weather Service. The April 1886 flood on the Oostanaula River was the highest that has occurred since the city of Rome was founded in 1834, based on information given in "A History of Rome and Floyd County," Georgia Department of Archives.

REMARKS.--The peak discharges are slightly regulated by Carters Dam (maximum flood-control storage, 230,000 acre-ft) and Carters re-regulation dam (maximum flood-control storage, 17,300 acre-ft) since November 1974. Peak stage of 1990 flood from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | Apr. 01 | 68,600 | 36.30a | 1925 | Jan. 20 | 16,600 | 21.20 | 1958 | Nov. 21 | 20,000 | 24.10 |
| 1892 | Apr. 07 | 39,900 | 31.70a | 1926 | Jan. 19 | 12,400 | 17.30 | 1959 | Apr. 20 | 12,100 | 17.00 |
| 1893 | Feb. 17 | 16,200 | 21.00 | 1927 | Dec. 29 | 20,000 | 24.80a | 1960 | Mar. 05 | 17,000 | 21.50 |
| 1894 | Feb. 05 | 6,870 | 10.30 | 1928 | Mar. 31 | 16,100 | 20.80 | 1961 | Feb. 27 | 31,700 | 29.20 |
| 1895 | Jan. 11 | 21,800 | 26.20a | 1929 | Mar. 25 | 17,300 | 22.00a | 1962 | Dec. 14 | 32,400 | 29.40 |
| 1896 | Feb. 07 | 12,200 | 16.70 | 1930 | Nov. 17 | 26,700 | 28.20a | 1963 | May 02 | 25,700 | 27.20 |
| 1897 | Mar. 15 | 21,500 | 26.00a | 1931 | Apr. 05 | 13,400 | 18.20 | 1964 | Mar. 17 | 32,000 | 30.10a |
| 1898 | Sept.04 | 16,500 | 21.30a | 1932 | Dec. 16 | 18,400 | 23.20a | 1965 | Mar. 29 | 25,000 | 27.10a |
| 1899 | Mar. 17 | 28,300 | 28.70a | 1933 | Dec. 29 | 36,500 | 30.90a | 1966 | Mar. 06 | 25,200 | 27.00 |
| 1900 | Feb. 14 | 18,800 | 23.60a | 1934 | Mar. 06 | 25,300 | 27.30 | 1967 | Aug. 26 | 14,200 | 19.00 |
| 1901 | Jan. 13 | 22,700 | 26.70a | 1935 | Mar. 13 | 15,300 | 20.10 | 1968 | Dec. 25 | 23,300 | 26.09 |
| 1902 | Dec. 31 | 22,300 | 26.50a | 1936 | Apr. 03 | 35,300 | 30.60a | 1969 | Feb. 05 | 26,800 | 27.63 |
| 1903 | Mar. 02 | 23,800 | 27.10a | 1937 | Jan. 05 | 23,500 | 26.50 | 1970 | Mar. 22 | 13,700 | 18.37 |
| 1904 | Mar. 24 | 8,340 | 12.50 | 1938 | Apr. 09 | 37,700 | 31.20a | 1971 | Jan. 26 | 16,100 | 21.02a |
| 1905 | Feb. 22 | 17,300 | 22.00a | 1939 | Feb. 17 | 17,000 | 21.70 | 1972 | Jan. 13 | 18,100 | 23.07 |
| 1906 | Mar. 16 | 16,900 | 21.70a | 1940 | Mar. 14 | 10,700 | 15.60 | 1973 | Mar. 19 | 29,000 | 28.40a |
| 1907 | Nov. 20 | 31,700 | 29.70a | 1941 | July 08 | 9,150 | 14.00 | 1974 | Jan. 03 | 18,900 | 23.80a |
| 1908 | Feb. 16 | 15,100 | 20.00 | 1942 | Feb. 19 | 18,000 | 22.60 | 1975 | Apr. 02 | 18,800 | 23.12 |
| 1909 | Mar. 14 | 39,900 | 31.70a | 1943 | Dec. 29 | 33,000 | 29.80 | 1976 | Apr. 02 | 18,500 | 23.58a |
| 1910 | May 21 | 15,100 | 20.00 | 1944 | Mar. 31 | 28,300 | 28.40 | 1977 | Apr. 06 | 29,000 | 28.40 |
| 1911 | Apr. 09 | 16,900 | 21.60a | 1945 | Feb. 15 | 14,700 | 19.60 | 1978 | Jan. 27 | 16,000 | 21.00 |
| 1912 | Mar. 31 | 20,000 | 24.80a | 1946 | Feb. 11 | 42,200 | 32.20a | 1979 | Mar. 06 | 26,200 | 28.00a |
| 1913 | Mar. 16 | 20,900 | 25.60a | 1947 | Jan. 21 | 47,000 | 33.20a | 1980 | Mar. 24 | 27,900 | 28.58 |
| 1914 | Apr. 15 | 10,800 | 15.50 | 1948 | Feb. 15 | 26,800 | 28.40a | 1981 | Mar. 31 | 11,400 | 16.34 |
| 1915 | Feb. 02 | 16,900 | 21.70a | 1949 | Nov. 30 | 36,300 | 31.10a | 1982 | Jan. 06 | 25,300 | 27.65 |
| 1916 | July 12 | 23,300 | 27.00a | 1950 | Mar. 15 | 31,900 | 30.10 | 1983 | Apr. 10 | 16,200 | 21.74 |
| 1917 | Mar. 06 | 33,500 | 30.20a | 1951 | Mar. 31 | 54,800 | 34.50a | 1984 | May 07 | 15,900 | 20.96 |
| 1918 | Jan. 31 | 18,400 | 23.20a | 1952 | Mar. 25 | 20,100 | 24.20 | 1985 | Feb. 02 | 12,700 | 17.76 |
| 1919 | Dec. 24 | 16,900 | 21.60a | 1953 | Feb. 23 | 15,600 | 20.30 | 1986 | Feb. 18 | 7,390 | 12.30 |
| 1920 | Apr. 04 | 39,900 | 31.70a | 1954 | Jan. 18 | 30,700 | 30.20 | 1987 | Mar. 02 | 17,600 | 22.79 |
| 1921 | Feb. 11 | 44,400 | 32.70a | 1955 | Feb. 09 | 19,100 | 23.40 | 1988 | Jan. 21 | 11,400 | 16.43 |
| 1922 | Jan. 22 | 40,800 | 31.90a | 1956 | Apr. 28 | 18,200 | 22.60 | 1989 | Mar. 07 | 17,000 | 22.87 |
| 1923 | Dec. 18 | 15,500 | 20.30 | 1957 | Feb. 04 | 32,800 | 30.80 | 1990 | Feb. 18 | 45,500 | 32.59 |
| 1924 | Apr. 20 | 20,000 | 24.80a | | | | | | | | |

## 02387560 OOTHKALOOGA CREEK TRIBUTARY AT ADAIRSVILLE, GEORGIA

LOCATION.--Lat 34°21'34", long 84°55'20", Bartow County, at culvert on U.S. Highway 41, 1 mi south of Adairsville.
DRAINAGE AREA.--3.56 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 700 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 245 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 24 | 243 | 3.63 | 1969 | Aug. 03 | 305 | 4.00 | 1973 | May 27 | 350 | 4.25 |
| 1966 | Mar. 04 | 465 | 4.70 | 1970 | Apr. 26 | 251 | 3.63 | 1974 | Apr. 04 | 474 | 4.73 |
| 1967 | Aug. 26 | 408 | 4.49 | 1971 | Apr. 23 | 311 | 4.04 | 1977 | Apr. 04 | 1,520 | 6.89c |
| 1968 | Mar. 12 | 205 | 3.19 | 1972 | Jan. 04 | 266 | 3.74 | 1979 | Mar. 04 | 1,850 | 7.80c |

## 02387570 OOTHKALOOGA CREEK AT ADAIRSVILLE, GEORGIA

LOCATION.--Lat 34°22'40", long 84°56'34", Bartow County, at State Highway 140, 0.8 mi west of Adairsville.
DRAINAGE AREA.--21.7 $mi^2$ (revised).
GAGE.--Crest-stage gage prior to June 30, 1967; flood-stage/rainfall recorder thereafter. Datum of gage is about 675 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 900 $ft^3/s$, and extended above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 23 | 1,650 | 7.60 | 1968 | Mar. 12 | 775 | 6.27 | 1972 | Jan. 04 | 782 | 6.25 |
| 1965 | Mar. 26 | 820 | 6.31 | 1969 | Feb. 02 | 968 | 6.56 | 1973 | May 27 | 884 | 6.42 |
| 1966 | Mar. 04 | 2,000 | 8.05 | 1970 | Mar. 19 | 854 | 6.37 | 1974 | Apr. 04 | 1,500 | 7.37 |
| 1967 | Aug. 26 | 1,200 | 6.92 | 1971 | Mar. 25 | 854 | 6.37 | | | | |

## 02387700 ROCKY CREEK AT CURRYVILLE, GEORGIA

LOCATION.--Lat 34°26'44", long 85°05'12", Gordon County, at culvert on State Highway 156, 0.4 mi west of Curryville.
DRAINAGE AREA.--9.41 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 612 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 523 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Oct. 04 | 805 | 4.05 | 1969 | Feb. 02 | 910 | 4.26 | 1973 | May 27 | 1,060 | 4.56 |
| 1966 | Mar. 04 | 1,660 | 5.70 | 1970 | Apr. 26 | 712 | 3.86 | 1974 | Apr. 04 | 1,110 | 4.66 |
| 1967 | July 10 | 910 | 4.26 | 1971 | Jan. 24 | 405 | 3.06 | 1977 | Apr. 04 | 3,970 | 9.00c |
| 1968 | Dec. 22 | 644 | 3.71 | 1972 | Jan. 04 | 690 | 3.81 | 1979 | Mar. 04 | 2,200 | 6.54c |

## 02387800 BAILEY CREEK NEAR VILLANOW, GEORGIA

LOCATION.--Lat 34°40'10", long 85°05'40", Walker County, at culvert on State Highway 143, 1.2 mi east of Villanow.
DRAINAGE AREA.--3.82 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 875 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 155 $ft^3/s$, and extended above on the basis of culvert computations. Stage-discharge relation unstable in 1972 owing to construction near culvert.
REMARKS.--Peak discharge for 1972 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 26 | 306 | 4.31 | 1969 | Feb. 02 | 297 | 4.26 | 1973 | Mar. 16 | 853 | 6.64 |
| 1966 | Mar. 04 | 1,020 | 7.25 | 1970 | Apr. 02 | 244 | 3.96 | 1974 | Apr. 04 | 1,490 | 8.26 |
| 1967 | July 06 | 1,130 | 7.61 | 1971 | Feb. 04 | 362 | 4.61 | 1977 | Apr. 04 | 2,100 | 9.90c |
| 1968 | Dec. 18 | 270 | 4.11 | 1972 | May 13 | 260 | 4.06 | | | | |

## 02388000 WEST ARMUCHEE CREEK NEAR SUBLIGNA, GEORGIA

LOCATION.--Lat 34°34'04", long 85°09'16", Chattooga County, on left bank 500 ft downstream from bridge on county road, 1 mi upstream from Ruff Creek, and 2 mi east of Subligna.
DRAINAGE AREA.--36.4 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is about 710 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,600 $ft^3/s$, and extended above on the basis of contracted-opening mesurement at 9,760 $ft^3/s$, and extension based on straight-line extension. Bankfull stage and discharge, 7 ft and 1,500 $ft^3/s$.
REMARKS.--Peak stage of March 1951 and 1990 obtained from levels to floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 29 | 12,400 | 12.10c | 1968 | Dec. 19 | 2,740 | 8.15 | 1976 | July 05 | 1,770 | 7.20 |
| 1961 | Feb. 23 | 3,250 | 8.51 | 1969 | Feb. 02 | 2,470 | 7.86 | 1977 | Mar. 12 | 5,780 | 10.03 |
| 1962 | Dec. 18 | 3,780 | 8.83 | 1970 | Dec. 30 | 1,500 | 6.88 | 1978 | Nov. 05 | 2,610 | 8.25 |
| 1963 | Oct. 03 | 4,750 | 9.50 | 1971 | Feb. 05 | 2,140 | 7.60 | 1979 | Mar. 04 | 6,860 | 10.52 |
| 1964 | Mar. 14 | 4,000 | 8.98 | 1972 | June 20 | 2,760 | 8.28 | 1980 | Mar. 21 | 3,710 | 9.07 |
| 1965 | Mar. 26 | 2,660 | 8.09 | 1973 | Mar. 16 | 5,190 | 9.52 | 1981 | Feb. 10 | 2,640 | 8.28 |
| 1966 | Mar. 04 | 9,760 | 11.33 | 1974 | Apr. 04 | 7,570 | 10.62 | 1990 | Feb. 06 | 22,000 | 14.01c |
| 1967 | Feb. 20 | 1,540 | 6.88 | 1975 | Sept.23 | 6,750 | 10.22 | | | | |

## 02388200 STOREY MILL CREEK NEAR SUMMERVILLE, GEORGIA

LOCATION.--Lat 34°25'39", long 85°16'03", Chattooga County, at culvert on county road 7, 6 mi southeast of Summerville.
DRAINAGE AREA.--6.02 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Feb. 27, 1975; crest-stage gage thereafter.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 550 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Peak stage of 1990 flood based on floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | Mar. 04 | 1,090 | 7.55 | 1974 | Apr. 04 | 720 | 6.27 | 1982 | Jan. 03 | 1,330 | 8.32 |
| 1967 | Feb. 20 | 370 | 4.75 | 1975 | Jan. 25 | 1,030 | 7.38 | 1983 | Nov. 28 | 648 | 5.99 |
| 1968 | Jan. 10 | 508 | 5.40 | 1976 | Nov. 05 | 1,450 | 8.66 | 1984 | Apr. 04 | 1,430 | 8.63 |
| 1969 | Feb. 02 | 588 | 5.74 | 1977 | Apr. 04 | 1,550 | 8.96 | 1985 | Mar. -- | 230 | --b |
| 1970 | Apr. 25 | 490 | 5.32 | 1978 | Nov. 05 | 609 | 5.83 | 1986 | Mar. 12 | 200 | 3.73 |
| 1971 | Feb. 05 | 583 | 5.72 | 1979 | Mar. 04 | 1,730 | 9.58 | 1987 | Nov. 25 | 578 | 5.70 |
| 1972 | Jan. 04 | 517 | 5.44 | 1980 | Mar. 17 | 864 | 6.80 | 1990 | Feb. 16 | 1,980 | 10.41c |
| 1973 | May 20 | 1,320 | 8.27 | 1981 | Mar. 30 | 508 | 5.40 | | | | |

## 02388300 HEATH CREEK NEAR ROME, GEORGIA

LOCATION.--Lat 34°21'57", long 85°16'17", Floyd County, on upstream left wingwall of bridge on Antioch Church road, 4 mi upstream from Little Armuchee Creek, and 9.5 mi northwest of Rome.
DRAINAGE AREA.--14.7 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 643.15 ft above sea level (levels from Georgia Power benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 650 $ft^3/s$, and above on the basis of straight-line extension.
REMARKS.--Peaks regulated by flood-retention pond upstream since early 1980's. Station inundated by reservoir, September 1990.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1969 | Feb. 02 | 450 | 7.08 | 1977 | Apr. 04 | 1,590 | 9.82 | 1984 | May 08 | 714 | 6.97 |
| 1970 | Apr. 27 | 807 | 7.42 | 1978 | Nov. 05 | 1,150 | 8.50 | 1985 | Feb. 01 | 357 | 4.91 |
| 1971 | Feb. 26 | 622 | 6.97 | 1979 | Mar. 04 | 1,660 | 10.03 | 1986 | Feb. 18 | 217 | 3.76 |
| 1972 | Jan. 10 | 525 | 6.42 | 1980 | Mar. 08 | 1,060 | 8.20 | 1987 | Feb. 28 | 488 | 5.79 |
| 1973 | May 28 | 869 | 7.53 | 1981 | Feb. 10 | 426 | 5.85 | 1988 | Jan. 20 | 571 | 6.26 |
| 1974 | Apr. 04 | 1,140 | 8.48 | 1982 | Jan. 03 | 847 | 7.49 | 1989 | Feb. 28 | 533 | 6.07 |
| 1975 | Sept.23 | 1,320 | 9.05 | 1983 | Nov. 28 | 700 | 6.90 | 1990 | Oct. 01 | 947 | 7.83 |
| 1976 | Mar. 30 | 616 | 6.53 | | | | | | | | |

## 02388320 HEATH CREEK NEAR ARMUCHEE, GEORGIA

LOCATION.--Lat 34°21'18", long 85°15'50", Floyd County, on right bank 0.6 mi downstream from bridge on Antioch Road, 3.4 mi upstream from Little Armuchee Creek, 5.2 mi west of Armuchee.
DRAINAGE AREA.--16.6 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 637.00 ft above sea level (levels from Georgia Power benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 590 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 7 ft and 700 $ft^3/s$.
REMARKS.--Peaks regulated by flood-retention pond upstream since early 1980's.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1982 | Jan. 03 | 980 | 8.26 | 1985 | Feb. 01 | 358 | 4.98 | 1988 | Jan. 20 | 630 | 6.76 |
| 1983 | Nov. 28 | 864 | 7.55 | 1986 | Feb. 18 | 239 | 4.06 | 1989 | Feb. 28 | 589 | 6.44 |
| 1984 | May 08 | 900 | 8.10 | 1987 | Feb. 28 | 555 | 6.24 | 1990 | Feb. 16 | 944 | 8.32 |

## 02388400 DOZIER CREEK NEAR SHANNON, GEORGIA

LOCATION.--Lat 34°18'53", long 85°05'47", Floyd County, at culvert on State Highway 53, 2 mi southwest of Shannon.
DRAINAGE AREA.--3.00 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 610 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 105 $ft^3/s$, and extended above on the basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 23 | 356 | 3.37 | 1969 | Feb. 02 | 271 | 2.96 | 1973 | May 27 | 686 | 4.53 |
| 1966 | Mar. 04 | 930 | 5.10 | 1970 | Mar. 19 | 136 | 2.06 | 1974 | Apr. 04 | 502 | 3.96 |
| 1967 | Aug. 25 | 475 | 3.86 | 1971 | Mar. 25 | 213 | 2.64 | 1977 | Apr. 04 | 1,330 | 6.26c |
| 1968 | Dec. 22 | 332 | 3.26 | 1972 | Jan. 04 | 307 | 3.14 | 1979 | Mar. 04 | 1,160 | 5.80c |

## 02388500 OOSTANAULA RIVER NEAR ROME, GEORGIA

LOCATION.--Lat 34°18'02", long 85°08'30", Floyd County, on left bank 1.2 mi upstream from Dry Creek, 4.5 mi north of Rome, 4.5 mi upstream from confluence with Etowah River, and 6.5 mi downstream from Armuchee Creek.
DRAINAGE AREA.--2,120 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 561.70 ft above sea level (levels from U.S. Coast and Geodetic benchmark). Oct. 1, 1939, to Dec. 7, 1950, water-stage recorder at site 3.2 mi downstream at same datum at Southern Railway bridge. Records at Fifth Avenue Bridge since 1890 are contained in reports of the U.S. Weather Bureau. Since Oct. 1, 1939, auxiliary water-stage recorder at Fifth Avenue Bridge, 4.2 mi downstream. Nonrecording gage at site of auxiliary gage used as base gage for records published as "Coosa River at Rome," Jan. 1, 1897, to Dec. 31, 1903.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 40,500 $ft^3/s$, and above on the basis of straight-line extension. Stage-discharge relation is affected by backwater from Etowah River and fall between the base and auxiliary gages is used as a factor in computing discharge. Bankfull stage and discharge, 19 ft and 15,000 $ft^3/s$.
HISTORICAL DATA.--Peak stage for April 1886 at auxiliary gage site based on information from the National Weather Service. The flood of April 1886 was the highest flood that has occurred since the city of Rome was founded in 1834, based on information given in "A History of Rome and Floyd County," Georgia Department of Archives.
REMARKS.--Peak discharge for April 1886 flood estimated from records on gaging station upstream on Oostanaula River at Resaca. Peak stage for April 1886 flood at site of auxiliary gage, based on information from the National Weather Service. Data collected before the installation of two gages has not been reproduced because the discharge is indeterminate where the fall is unknown. Peak discharges regulated by Carters Dam and Carters re-regulation dam since November 1974 (see station 02387500).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | Apr. -- | 70,000 | 40.3c | 1957 | Feb. 06 | 32,500 | 31.90 | 1974 | Apr. 06 | 22,600 | 29.66a |
| 1940 | Mar. 15 | 15,000 | 17.7 | 1958 | Nov. 20 | 21,300 | 24.40a | 1975 | Mar. 31 | 21,400 | 26.57a |
| 1941 | July 08 | 12,800 | 15.5 | 1959 | Apr. 21 | 15,100 | 19.60 | 1976 | Apr. 02 | 23,100 | 29.53a |
| 1942 | Mar. 24 | 19,700 | 24.4 | 1960 | Mar. 05 | 18,600 | 22.40 | 1977 | Apr. 05 | 37,300 | 35.22 |
| 1943 | Jan. 02 | 29,900 | 27.0 | 1961 | Feb. 24 | 32,700 | 32.06a | 1978 | Nov. 07 | 21,600 | 26.78a |
| 1944 | Apr. 01 | 29,100 | 27.0 | 1962 | Dec. 19 | 33,700 | 32.56 | 1979 | Mar. 07 | 31,400 | 35.47a |
| 1945 | Feb. 15 | 19,400 | 20.2 | 1963 | May 01 | 27,000 | 30.36 | 1980 | Mar. 25 | 28,100 | 31.90a |
| 1946 | Feb. 13 | 45,500 | 33.1 | 1964 | Mar. 28 | 30,200 | 33.28a | 1981 | Feb. 11 | 15,500 | 21.22 |
| 1947 | Jan. 23 | 47,000 | 34.1 | 1965 | Mar. 31 | 26,300 | 27.55 | 1982 | Jan. 05 | 33,600 | 33.03 |
| 1948 | Feb. 18 | 28,200 | 25.3 | 1966 | Mar. 05 | 27,500 | 30.49 | 1983 | Dec. 02 | 22,500 | 27.05a |
| 1949 | Dec. 02 | 37,300 | 31.6 | 1967 | July 11 | 19,000 | 25.79a | 1984 | May 09 | 26,000 | 27.95 |
| 1950 | Mar. 17 | 30,500 | 25.5 | 1968 | Dec. 23 | 24,300 | 28.64a | 1985 | Feb. 02 | 16,900 | 22.63a |
| 1951 | Apr. 02 | 43,600 | 35.4 | 1969 | Feb. 07 | 23,200 | 25.91 | 1986 | Feb. 19 | 10,300 | 15.85 |
| 1952 | Mar. 12 | 23,900 | 27.8a | 1970 | Mar. 22 | 18,500 | 25.06 | 1987 | Mar. 02 | 22,900 | 28.32a |
| 1953 | Feb. 22 | 18,800 | 22.5 | 1971 | Jan. 26 | 18,800 | 23.46a | 1988 | Jan. 21 | 19,300 | 23.97 |
| 1954 | Jan. 23 | 28,900 | 30.1a | 1972 | Jan. 14 | 21,000 | 27.04 | 1989 | Mar. 07 | 24,300 | 27.96 |
| 1955 | Feb. 07 | 23,800 | 26.2 | 1973 | Mar. 22 | 24,100 | 26.97a | 1990 | Feb. 20 | 42,600 | 35.70 |
| 1956 | Apr. 17 | 20,600 | 23.9 | | | | | | | | |

## 02388900 ETOWAH RIVER NEAR DAHLONEGA, GEORGIA

LOCATION.--Lat 34°30'56", long 84°03'40", Lumpkin County, at bridge on State Highway 9, 4.5 mi west of Dahlonega.
DRAINAGE AREA.--69.7 $mi^2$ (revised).
GAGE.--Crest-stage gage. Datum of gage is 1,270.80 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,300 $ft^3/s$, and above on the basis of contracted-opening measurement at 6,750 $ft^3/s$, and extended above on the basis of straight-line extension. Bankfull stage and discharge, 11 ft and 2,500 $ft^3/s$.
REMARKS.--Peak discharges for 1958 and 1960 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1950 | Mar. 15 | 2,580 | 11.27 | 1960 | Feb. 10 | 1,600 | -- | 1970 | Apr. -- | 1,350 | --b |
| 1951 | Mar. 30 | 1,620 | 9.11 | 1961 | Feb. 25 | 6,750 | 13.40 | 1971 | Mar. -- | 1,350 | --b |
| 1952 | Mar. 10 | 4,400 | 12.57 | 1962 | Dec. 12 | 8,680 | 13.93 | 1972 | May 14 | 2,120 | 10.39 |
| 1953 | Feb. -- | 1,840 | 9.69 | 1963 | Apr. 30 | 3,700 | 12.18 | 1973 | May 28 | 5,340 | 12.98 |
| 1954 | Jan. 16 | 4,800 | 12.81 | 1964 | May 03 | 4,200 | 12.52 | 1974 | Dec. 05 | 2,440 | 11.06 |
| 1955 | Feb. 06 | 4,200 | 12.47 | 1965 | Oct. 04 | 1,960 | 9.95 | 1975 | Mar. 14 | 1,510 | 8.71 |
| 1956 | Apr. 16 | 2,410 | 11.05 | 1966 | Feb. 13 | 4,520 | 12.66 | 1976 | Mar. 16 | 1,860 | 9.74 |
| 1957 | Apr. 05 | 2,410 | 10.96 | 1967 | Aug. 23 | 9,680 | 14.22 | 1977 | Mar. 30 | 3,970 | 12.38 |
| 1958 | Jan. 21 | 1,250 | -- | 1968 | Mar. 12 | 1,730 | 9.41 | 1982 | Feb. 03 | 2,450 | 11.14c |
| 1959 | Jan. 28 | 2,210 | 10.54 | 1969 | Aug. 22 | 1,480 | 8.71 | | | | |

## 02389000 ETOWAH RIVER NEAR DAWSONVILLE, GEORGIA

LOCATION.--Lat 34°22'57", long 84°03'21", Dawson County, on left bank 0.4 mi upstream from Palmer Creek, 0.5 mi upstream from bridge on State Highway 53, 1.2 mi downstream from Russell Creek, 4 mi southeast of Dawsonville, and 7.5 mi upstream from Shoal Creek.
DRAINAGE AREA.--107 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 1,049.80 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,200 $ft^3/s$, and above on the basis of straight-line extension. There was a change in the stage-discharge relation after August 1965 from channel clearing. Bankfull stage and discharge, 11 ft and 4,500 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1940 | Aug. 13 | 1,840 | 7.70 | 1954 | Jan. 16 | 4,150 | 14.60 | 1967 | Aug. 24 | 6,140 | 13.70 |
| 1941 | July 05 | 2,200 | 9.20 | 1955 | Feb. 07 | 4,010 | 14.30 | 1968 | Mar. 12 | 4,470 | 11.04 |
| 1942 | Feb. 17 | 4,100 | 14.50 | 1956 | Apr. 16 | 2,520 | 10.30 | 1969 | Aug. 22 | 3,500 | 10.70 |
| 1943 | Dec. 29 | 2,430 | 10.00 | 1957 | Apr. 05 | 3,000 | 11.80 | 1970 | Dec. 31 | 1,490 | 5.09 |
| 1944 | Mar. 20 | 2,640 | 10.70 | 1958 | Dec. 20 | 1,630 | 7.10 | 1971 | July 22 | 1,790 | 5.86 |
| 1945 | Sept.16 | 1,820 | 7.80 | 1959 | Jan. 22 | 2,290 | 9.50 | 1972 | May 14 | 3,500 | 9.37 |
| 1946 | Jan. 07 | 4,780 | 15.80 | 1960 | Sept.28 | 1,980 | 8.40 | 1973 | May 28 | 4,770 | 11.53 |
| 1947 | Jan. 20 | 3,660 | 13.50 | 1961 | Feb. 25 | 4,150 | 14.60 | 1974 | Apr. 04 | 3,420 | 9.22 |
| 1948 | Aug. 04 | 4,050 | 14.40 | 1962 | Dec. 12 | 5,010 | 16.18 | 1975 | Mar. 14 | 3,710 | 9.75 |
| 1949 | Jan. 06 | 3,870 | 14.00 | 1963 | Mar. 12 | 4,810 | 15.62 | 1976 | Mar. 31 | 4,130 | 11.27 |
| 1950 | Mar. 13 | 2,760 | 11.10 | 1964 | Mar. 26 | 4,150 | 14.28 | 1979 | Apr. 13 | 4,400 | 11.84 |
| 1951 | Mar. 29 | 2,120 | 8.90 | 1965 | Oct. 05 | 2,670 | 10.56 | 1980 | Mar. 21 | 4,800 | 12.47 |
| 1952 | Mar. 11 | 4,100 | 14.50 | 1966 | Mar. 04 | 6,140 | 13.70 | 1982 | Feb. 03 | 5,750 | 13.15c |
| 1953 | Jan. 10 | 2,120 | 8.90 | | | | | | | | |

## 02389300 SHOAL CREEK NEAR DAWSONVILLE, GEORGIA

LOCATION.--Lat 34°25'13", long 84°08'47", Dawson County, on left bank at bridge on State Highway 53, 650 ft upstream from Flat Creek, 1 mi west of Dawsonville, and 6.5 mi upstream from mouth.
DRAINAGE AREA.--21.7 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is about 1,150 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,100 $ft^3/s$, and above on the basis of contracted-opening measurement at 6,160 $ft^3/s$. Bankfull stage and discharge, 6 ft and 1,700 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | Jan. 21 | 1,540 | 5.78 | 1965 | Mar. 24 | 1,140 | 4.85 | 1971 | Feb. 05 | 636 | 3.47 |
| 1960 | Sept.28 | 1,450 | 5.62 | 1966 | Mar. 04 | 4,390 | 10.42 | 1972 | Jan. 04 | 1,830 | 6.44 |
| 1961 | Feb. 25 | 2,380 | 7.60 | 1967 | Aug. 24 | 2,180 | 7.21 | 1973 | Dec. 15 | 2,670 | 8.08 |
| 1962 | Dec. 12 | 2,280 | 7.40 | 1968 | Mar. 12 | 1,960 | 6.73 | 1974 | Apr. 04 | 2,490 | 7.84 |
| 1963 | Mar. 12 | 6,160 | 11.85 | 1969 | Aug. 22 | 2,030 | 6.88 | 1977 | Mar. 30 | 2,700 | 7.95c |
| 1964 | Apr. 08 | 4,000 | 10.01 | 1970 | Mar. 19 | 427 | 2.86 | 1982 | Feb. 03 | 3,460 | 8.30c |

## 02390000 AMICALOLA CREEK NEAR DAWSONVILLE, GEORGIA

LOCATION.--Lat 34°25'32", long 84°12'43", Dawson County, on left bank under bridge at State Highway 53, 5 mi upstream from mouth, and 5.5 mi west of Dawsonville.
DRAINAGE AREA.--89 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 1,203.87 ft above sea level (levels from U.S. Coast and Geodetic Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,400 $ft^3/s$, and above on the basis of slope-area measurement at 5,400 $ft^3/s$, and straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1940 | Aug. 13 | 2,500 | 3.48 | 1945 | Feb. 13 | 1,130 | 2.20 | 1950 | Mar. 13 | 3,460 | 4.34 |
| 1941 | July 05 | 5,200 | 5.64 | 1946 | Feb. 10 | 5,050 | 5.50 | 1951 | Mar. 29 | 2,380 | 3.40 |
| 1942 | Feb. 17 | 7,450 | 7.00 | 1947 | Jan. 20 | 4,770 | 5.30 | 1952 | Mar. 11 | 5,960 | 6.10 |
| 1943 | Dec. 29 | 2,680 | 3.65 | 1948 | Aug. 04 | 5,650 | 5.86 | 1982 | Feb. 03 | 5,960 | 6.10c |
| 1944 | Mar. 19 | 3,460 | 4.30 | 1949 | Nov. 28 | 5,500 | 5.84 | | | | |

## 02391000 ETOWAH RIVER NEAR BALL GROUND, GEORGIA

LOCATION.--Lat 34°19'05", long 84°20'35", Cherokee County, on upstream side of county highway bridge, 0.2 mi downstream from Long Swamp Creek, and 3 mi southeast of Ball Ground.
DRAINAGE AREA.--466 $mi^2$.
GAGE.--Nonrecording gage. Prior to Aug. 19, 1908, at site 75 ft downstream. Datum of gage is about 910 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,500 $ft^3/s$, and above on the basis of straight-line extension.
REMARKS.--Peak discharges for 1911-13 are maximum daily.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1908 | Mar. 24 | 10,800 | 15.00 | 1912 | Mar. 15 | 14,300 | 18.40 | 1919 | Dec. 22 | 22,200 | 25.50 |
| 1909 | Mar. 14 | 14,000 | 18.00 | 1913 | Mar. 15 | 9,180 | 13.60 | 1920 | Dec. 10 | 17,600 | 21.30 |
| 1910 | May 21 | 6,500 | 10.00 | 1914 | Apr. 11 | 7,390 | 11.80 | 1921 | Feb. 09 | 11,800 | 16.00 |
| 1911 | Apr. 05 | 7,980 | 12.40 | 1915 | Dec. 26 | 8,780 | 13.20 | | | | |

## 02392000 ETOWAH RIVER AT CANTON, GEORGIA

LOCATION.--Lat 34°14'23", long 84°29'47", Cherokee County, on left bank 100 ft downstream from bridge on State Highway 5 spur and 140 at Canton, 0.8 mi upstream from Canton Creek, and 1.8 mi downstream from Hickory Log Creek.
DRAINAGE AREA.--613 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 844.55 ft above sea level (levels from the U.S. Coast and Geodetic Survey benchmark), supplementary adjustment of 1936. March 1892 to December 1905, nonrecording gage at site 100 ft upstream at datum 2.0 ft higher. Mar. 16, 1937, to Jan. 17, 1939, nonrecording gage at site 100 ft upstream at present datum. Water-stage recorder at Allatoona Reservoir is used as an auxiliary gage for this station. All gage readings have been converted to present datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 25,000 $ft^3/s$, and above on the basis of slope conveyance study at 32,300 $ft^3/s$. Bankfull stage and discharge, 15 ft and 8,000 $ft^3/s$.
REMARKS.--Peak stages for 1892-95, and 1906-36 furnished by the National Weather Service. Peak discharge for 1934 is estimated. Peak discharge for the 1946 flood has been revised.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1892 | Jan. -- | 36,700 | 25.00 | 1925 | Jan. 19 | 8,740 | 16.10 | 1958 | Dec. 21 | 5,440 | 11.70 |
| 1893 | Feb. 16 | 9,380 | 14.60 | 1926 | Jan. 18 | 6,530 | 12.80 | 1959 | Feb. 14 | 7,230 | 14.30 |
| 1894 | Sept.18 | 4,360 | 7.30 | 1927 | Feb. 14 | 9,460 | 16.50 | 1960 | Apr. 04 | 6,320 | 13.00 |
| 1895 | Jan. 10 | 12,400 | 17.50 | 1928 | May 24 | 10,700 | 17.60 | 1961 | Feb. 26 | 19,300 | 23.20 |
| 1896 | Jan. 24 | 5,300 | 7.80 | 1929 | Mar. 05 | 13,600 | 19.50 | 1962 | Dec. 13 | 20,900 | 23.80 |
| 1897 | Apr. 05 | 10,100 | 13.60 | 1930 | Mar. 07 | 15,300 | 20.20 | 1963 | Apr. 30 | 22,600 | 24.38 |
| 1898 | Sept.02 | 10,900 | 14.60 | 1931 | Nov. 17 | 5,200 | 9.90 | 1964 | Mar. 26 | 25,000 | 24.70a |
| 1899 | Mar. 16 | 20,800 | 22.20 | 1932 | Mar. 31 | 10,400 | 17.30 | 1965 | Mar. 25 | 8,740 | 16.04 |
| 1900 | Feb. 12 | 12,300 | 16.20 | 1933 | Dec. 12 | 28,200 | 25.20 | 1966 | Mar. 04 | 19,000 | 22.67 |
| 1901 | May 21 | 19,600 | 21.60 | 1934 | Mar. -- | 9,600 | | 1967 | Aug. 25 | 15,900 | 21.32 |
| 1902 | Dec. 29 | 20,800 | 22.20 | 1935 | Mar. 13 | 6,530 | 11.90 | 1968 | Jan. 11 | 11,000 | 18.24 |
| 1903 | Feb. 17 | 20,400 | 22.00 | 1936 | Feb. 05 | 22,700 | 23.20 | 1969 | Aug. 23 | 11,900 | 18.91 |
| 1904 | Aug. 08 | 9,620 | 13.00 | 1937 | Jan. 03 | 15,300 | 20.50 | 1970 | Mar. 20 | 6,590 | 13.24 |
| 1905 | Jan. 13 | 8,870 | 12.10 | 1938 | Apr. 08 | 19,700 | 22.40 | 1971 | July 24 | 5,790 | 12.13 |
| 1906 | Dec. 03 | 12,900 | 18.30 | 1939 | Feb. 28 | 6,360 | 12.80 | 1972 | Jan. 11 | 14,200 | 20.41 |
| 1907 | Mar. 02 | 6,950 | 11.90 | 1940 | Aug. 13 | 8,900 | 16.00 | 1973 | Dec. 16 | 11,200 | 18.56 |
| 1908 | Apr. 25 | 10,600 | 16.60 | 1941 | July 05 | 8,820 | 15.90 | 1974 | Apr. 05 | 12,300 | 19.20 |
| 1909 | Mar. 14 | 14,900 | 19.50 | 1942 | Feb. 17 | 13,300 | 21.20 | 1975 | Mar. 14 | 11,900 | 19.04 |
| 1910 | May 21 | 6,880 | 12.00 | 1943 | Dec. 30 | 10,100 | 18.40 | 1976 | Mar. 31 | 19,000 | 22.76 |
| 1911 | Apr. 05 | 11,100 | 17.20 | 1944 | Mar. 20 | 10,600 | 19.00 | 1977 | Mar. 31 | 18,500 | 23.56 |
| 1912 | Mar. 15 | 18,400 | 21.20 | 1945 | Apr. 25 | 5,180 | 11.80 | 1978 | Nov. 06 | 17,200 | 21.96 |
| 1913 | Mar. 27 | 8,350 | 14.20 | 1946 | Jan. 07 | 32,300 | 26.70 | 1979 | Apr. 14 | 21,600 | 23.57 |
| 1914 | Apr. 15 | 7,440 | 13.00 | 1947 | Jan. 21 | 14,500 | 21.20 | 1980 | Mar. 09 | 14,900 | 20.17 |
| 1915 | Dec. 04 | 9,300 | 15.50 | 1948 | Aug. 05 | 8,500 | 16.10 | 1981 | Feb. 11 | 5,500 | 10.95 |
| 1916 | July 10 | 36,100 | 25.90 | 1949 | Nov. 29 | 17,200 | 22.40 | 1982 | Feb. 03 | 24,100 | 24.45 |
| 1917 | Mar. 24 | 14,300 | 19.60 | 1950 | Mar. 14 | 8,500 | 16.10 | 1983 | Apr. 09 | 8,970 | 15.34 |
| 1918 | Jan. 29 | 6,320 | 11.60 | 1951 | Mar. 30 | 7,790 | 15.10 | 1984 | Dec. 07 | 12,800 | 18.05 |
| 1919 | Dec. 22 | 29,500 | 25.20 | 1952 | Mar. 23 | 19,500 | 23.30 | 1985 | Feb. 01 | 5,030 | 9.48 |
| 1920 | Dec. 10 | 36,100 | 26.30 | 1953 | Jan. 10 | 8,140 | 15.60 | 1986 | Nov. 30 | 3,090 | 6.32 |
| 1921 | Feb. 09 | 21,500 | 23.20 | 1954 | Jan. 17 | 15,500 | 21.70 | 1987 | Mar. 01 | 12,200 | 18.43 |
| 1922 | Jan. 22 | 10,200 | 17.60 | 1955 | Feb. 07 | 12,600 | 20.10 | 1988 | Jan. 20 | 9,340 | 15.71 |
| 1923 | Dec. 18 | 11,700 | 19.00 | 1956 | Apr. 16 | 7,300 | 14.40 | 1989 | June 21 | 9,080 | 15.46 |
| 1924 | Apr. 19 | 4,960 | 10.90 | 1957 | Apr. 05 | 15,500 | 21.70 | 1990 | Mar. 17 | 27,100 | 25.33 |

## 02392500 LITTLE RIVER NEAR ROSWELL, GEORGIA

LOCATION.--Lat 34°07'09", long 84°23'18", Fulton County, on upstream side of bridge on State Highway 140, 1 mi downstream from Cooper Sandy Creek, and 7 mi north of Roswell.
DRAINAGE AREA.--60 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 894.8 ft above sea level (levels by the Georgia Department of Transportation). Prior to July 25, 1949, nonrecording gage, and July 25, 1949, to Sept. 30, 1965, water-stage recorder at site 500 ft upstream at datum 3.0 ft higher.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,600 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 7 ft and 1,150 $ft^3/s$.
HISTORICAL DATA.--Peak stage of January 1946, based on information from local resident, was the highest known flood since 1890.
REMARKS.--Regulation by several flood-detention reservoirs since 1960 probably does not materially affect the peak discharges. Peak discharge for 1965 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1946 | Jan. -- | 5,000 | 18.00c | 1958 | Feb. 26 | 700 | 5.40 | 1969 | Jan. 20 | 1,280 | 7.67 |
| 1948 | July 15 | 1,560 | 8.88 | 1959 | May 31 | 926 | 6.40 | 1970 | Mar. 20 | 1,290 | 7.72 |
| 1949 | Nov. 28 | 3,200 | 14.00 | 1960 | Jan. 31 | 950 | 6.50 | 1971 | Mar. 26 | 755 | 5.95 |
| 1950 | Sept.07 | 600 | 4.88 | 1961 | Feb. 23 | 4,040 | 15.60 | 1972 | Jan. 10 | 1,840 | 9.16 |
| 1951 | Mar. 08 | 998 | 6.68 | 1962 | Dec. 12 | 2,600 | 12.00 | 1973 | Mar. 17 | 2,180 | 9.95 |
| 1952 | Mar. 11 | 2,180 | 11.10 | 1963 | Mar. 13 | 1,810 | 9.80 | 1974 | Jan. 01 | 2,320 | 10.24 |
| 1953 | Jan. 09 | 974 | 6.60 | 1964 | Mar. 26 | 2,840 | 12.65 | 1975 | Mar. 14 | 1,910 | 9.27 |
| 1954 | Jan. 16 | 2,030 | 10.60 | 1965 | Dec. 26 | 650 | 6.85 | 1976 | Mar. 16 | 1,870 | 10.49 |
| 1955 | Feb. 07 | 1,830 | 9.90 | 1966 | Mar. 04 | 2,820 | 11.49 | 1982 | Feb. 03 | 4,600 | 14.78c |
| 1956 | Mar. 16 | 1,500 | 8.70 | 1967 | June 04 | 1,280 | 7.65 | 1984 | Dec. 06 | 4,800 | 14.94c |
| 1957 | Apr. 05 | 2,760 | 12.90 | 1968 | Mar. 12 | 1,470 | 8.47 | | | | |

## 02394000 ETOWAH RIVER ABOVE CARTERSVILLE, GEORGIA

LOCATION.--Lat 34°09'47", long 84°44'28", Bartow County, on right bank 0.8 mi downstream from Allatoona Dam, 2 mi upstream from Nashville, Chattanooga & St. Louis Railway bridge, and 3 mi east of Cartersville.
DRAINAGE AREA.--1,120 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 686.92 ft above sea level (levels by the U.S. Army Corps of Engineers). Prior to Dec. 19, 1938, nonrecording gage at same site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 26,000 $ft^3/s$, and above on the basis of slope-area study to 40,400 $ft^3/s$. Bankfull stage and discharge, 10 ft and 12,000 $ft^3/s$.
HISTORICAL DATA.--Peak stage of December 1919, based on information from local resident, was the highest known flood since at least 1916.
REMARKS.--Peak discharges since December 1949 are regulated by storage in Allatoona Lake (maximum flood-control storage, 587,200 acre-ft).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1920 | Dec. 11 | 40,000 | 20.00c | 1955 | Jan. 10 | 8,100 | 7.05 | 1973 | June 01 | 8,930 | 7.02 |
| 1938 | Apr. 09 | 27,500 | 16.50 | 1956 | May 14 | 8,190 | 7.29 | 1974 | Apr. 04 | 9,280 | 7.25 |
| 1939 | Feb. 28 | 11,600 | 9.23 | 1957 | Apr. 12 | 9,840 | 8.50 | 1975 | Jan. 17 | 8,870 | 6.98 |
| 1940 | Aug. 14 | 13,800 | 10.50 | 1958 | June 05 | 8,520 | 7.38 | 1976 | Dec. 17 | 9,020 | 7.08 |
| 1941 | July 06 | 12,400 | 9.88 | 1959 | June 10 | 8,610 | 7.46 | 1977 | Nov. 29 | 9,600 | 7.50 |
| 1942 | Mar. 21 | 18,200 | 13.40 | 1960 | Jan. 15 | 8,480 | 7.28 | 1978 | Feb. 03 | 9,290 | 7.28 |
| 1943 | Dec. 29 | 18,400 | 13.50 | 1961 | Mar. 15 | 9,720 | 8.32 | 1979 | Feb. 02 | 9,470 | 7.41 |
| 1944 | Mar. 29 | 16,600 | 13.10 | 1962 | Jan. 07 | 10,200 | 8.75 | 1980 | Mar. 03 | 9,170 | 7.48 |
| 1945 | Apr. 25 | 9,300 | 8.50 | 1963 | Mar. 28 | 10,300 | 8.82 | 1981 | Sept.28 | 8,950 | 7.28 |
| 1946 | Jan. 08 | 40,400 | 20.80 | 1964 | Mar. 22 | 22,600 | 15.00 | 1982 | Feb. 02 | 9,060 | 7.43 |
| 1947 | Jan. 20 | 21,900 | 15.30 | 1965 | Oct. 15 | 9,130 | 7.50 | 1983 | Jan. 19 | 9,040 | 7.38 |
| 1948 | Feb. 09 | 13,500 | 12.70 | 1966 | Feb. 28 | 9,370 | 7.67 | 1984 | Dec. 02 | 8,980 | 7.33 |
| 1949 | Nov. 29 | 26,500 | 16.90 | 1967 | July 11 | 9,280 | 7.61 | 1985 | Feb. 04 | 9,170 | 7.48 |
| 1950 | Mar. 13 | 9,280 | 8.65 | 1968 | Jan. 18 | 9,340 | 7.65 | 1986 | Nov. 29 | 9,130 | 7.45 |
| 1951 | Jan. 10 | 8,570 | 8.02 | 1969 | Feb. 21 | 8,510 | 7.06 | 1987 | Jan. 21 | 8,910 | 7.28 |
| 1952 | Mar. 27 | 10,300 | 9.10 | 1970 | Jan. 09 | 8,560 | 7.21 | 1988 | Nov. 06 | 8,840 | 7.22 |
| 1953 | Dec. 31 | 8,740 | 7.63 | 1971 | Nov. 23 | 8,940 | 7.30 | 1989 | Jan. 02 | 8,710 | 7.12 |
| 1954 | Jan. 29 | 8,420 | 7.27 | 1972 | Jan. 10 | 9,230 | 7.52 | 1990 | Mar. 29 | 10,200 | 8.18 |

## 02394400 PUMPKINVINE CREEK BELOW DALLAS, GEORGIA

LOCATION.--Lat 33°54'59", long 84°52'41", Paulding County, at State Highway 6, 2.2 mi west of Dallas.
DRAINAGE AREA.--42.8 $mi^2$ (revised).
GAGE.--Crest-stage gage. Datum of gage is about 860 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,000 $ft^3/s$. Bankfull stage and discharge, 13 ft and 1,600 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 29 | 800 | 10.36 | 1961 | Feb. 23 | 6,800 | 20.28 | 1971 | Apr. 24 | 1,960 | 13.83 |
| 1952 | Mar. 24 | 2,720 | 15.25 | 1962 | Dec. 19 | 2,150 | 14.19 | 1972 | May 14 | 2,610 | 15.02 |
| 1953 | Jan. 10 | 2,300 | 14.48 | 1963 | Mar. 13 | 4,910 | 18.19 | 1973 | Mar. 16 | 2,400 | 14.67 |
| 1954 | Jan. 16 | 2,970 | 15.64 | 1964 | Jan. 25 | 3,040 | 15.73 | 1974 | Dec. 31 | 2,610 | 15.01 |
| 1955 | Feb. 06 | 2,360 | 14.57 | 1965 | Feb. 12 | 1,160 | 11.69 | 1975 | Mar. 14 | 2,820 | 15.36 |
| 1956 | Mar. 16 | 1,500 | 12.69 | 1966 | Mar. 04 | 5,740 | 19.20 | 1976 | Jan. 26 | 2,860 | 14.64 |
| 1957 | Apr. 05 | 2,840 | 15.45 | 1967 | Apr. 26 | 1,060 | 11.37 | 1977 | Mar. 30 | 4,800 | 17.33 |
| 1958 | Feb. 27 | 840 | 10.61 | 1968 | Apr. 05 | 1,100 | 11.49 | 1982 | Feb. 03 | 5,200 | 18.30c |
| 1959 | July 01 | 1,800 | 13.48 | 1969 | Jan. -- | 515 | --b | 1984 | Dec. 06 | 5,900 | 19.30c |
| 1960 | Jan. 30 | 1,640 | 13.12 | 1970 | Mar. 20 | 2,480 | 14.80 | 1990 | Oct. 01 | 4,100 | 17.05c |

## 02394670 ETOWAH RIVER NEAR CARTERSVILLE, GEORGIA

LOCATION.--Lat 34°08'34", long 84°50'20", Bartow County, on downstream side of bridge pier on State Highway 61, 3 mi southwest of Cartersville, 9.6 mi downstream from Allatoona Dam, and at mile 38.2.
DRAINAGE AREA.--1,345 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 650.81 ft above sea level (levels from the U.S. Coast and Geodetic Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 15,700 $ft^3/s$.
REMARKS.--Records furnished by the U.S. Army Corps of Engineers. Peak discharges since December 1949 are regulated by storage in Allatoona Lake (maximum flood-control storage 587,200 acre-ft).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | Apr. – | 55,000 | 37.00c | 1955 | Apr. 14 | 8,300 | 14.08 | 1973 | Mar. 16 | 11,400 | 16.55 |
| 1920 | Dec. 19 | 41,000 | 31.00c | 1956 | May 02 | 8,350 | 13.99 | 1974 | Apr. 04 | 12,900 | 17.70 |
| 1938 | Apr. 08 | 35,000 | 29.90 | 1957 | Apr. 12 | 10,600 | 15.55 | 1975 | Feb. 04 | 10,300 | 15.65 |
| 1939 | Mar. 01 | 14,700 | 19.20 | 1958 | Feb. 07 | 9,750 | 15.15 | 1976 | Mar. 31 | 10,600 | 15.92 |
| 1940 | Aug. 14 | 15,400 | 19.80 | 1959 | June 01 | 8,960 | 14.60 | 1977 | Mar. 29 | 14,000 | 18.40 |
| 1941 | July 02 | 13,100 | 18.00 | 1960 | Feb. 01 | 9,350 | 14.90 | 1978 | Jan. 26 | 10,800 | 16.05 |
| 1942 | Mar. 22 | 22,000 | 24.50 | 1961 | Feb. 21 | 16,200 | 18.00 | 1979 | Mar. 04 | 17,300 | 20.70 |
| 1943 | Dec. 30 | 22,500 | 24.80 | 1962 | Jan. 02 | 10,400 | 15.80 | 1980 | Apr. 14 | 14,800 | 18.85 |
| 1944 | Mar. 30 | 18,000 | 22.60 | 1963 | Mar. 22 | 10,100 | 15.70 | 1981 | May 28 | 16,400 | 19.70 |
| 1946 | Jan. 08 | 39,000 | 30.40 | 1964 | Apr. 10 | 15,800 | 20.10 | 1982 | Feb. 03 | 17,600 | 20.76 |
| 1947 | Jan. 27 | 25,000 | 25.80 | 1965 | Apr. 05 | 9,010 | 14.80 | 1983 | Dec. 05 | 10,900 | 16.16 |
| 1948 | Aug. 03 | 14,400 | 19.00 | 1966 | Apr. 27 | 10,600 | 16.10 | 1984 | Dec. 06 | 16,000 | 19.50 |
| 1949 | Nov. 29 | 36,000 | 30.00 | 1967 | Aug. 24 | 12,400 | 17.45 | 1985 | Feb. 07 | 9,250 | 14.70 |
| 1950 | Mar. 14 | 11,300 | 17.74 | 1968 | Dec. 11 | 9,590 | 15.30 | 1986 | Dec. 04 | 8,700 | 14.54 |
| 1951 | Apr. 19 | 8,400 | 14.80 | 1969 | Apr. 18 | 9,230 | 15.00 | 1987 | Jan. 26 | 9,400 | 15.17 |
| 1952 | Mar. 22 | 14,700 | 19.35 | 1970 | June 04 | 9,580 | 15.00 | 1988 | Jan. 21 | 8,600 | 14.41 |
| 1953 | May 07 | 11,100 | 16.85 | 1971 | Feb. 26 | 9,840 | 15.24 | 1989 | June 20 | 9,000 | 14.83 |
| 1954 | Jan. 29 | 8,560 | 14.30 | 1972 | Jan. 10 | 12,200 | 17.24 | 1990 | Mar. 17 | 13,000 | 17.96 |

## 02394820 EUHARLEE CREEK AT ROCKMART, GEORGIA

LOCATION.--Lat 33°59'55", long 85°03'09", Polk County, at bridge on U.S. Highway 278 and State Highway 6 at Rockmart.
DRAINAGE AREA.--42.1 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 732.98 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,060 $ft^3/s$, and extended above on the basis of contracted opening at 5,920 $ft^3/s$. Bankfull stage and discharge, 9 ft and 2,100 $ft^3/s$.
HISTORICAL DATA.--Flood of 1979 is thought to be the highest since 1886, based on information at nearby stations.
REMARKS.--Flood stages for 1961, and 1974 provided by Georgia Department of Transportation. Flood stage for 1979 from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 21 | 5,920 | 14.20c | 1985 | May 03 | 1,860 | 8.55 | 1988 | Jan. 20 | 1,770 | 8.37 |
| 1974 | Apr. 04 | 5,500 | 13.80c | 1986 | Aug. 09 | 636 | 4.76 | 1989 | July 20 | 1,840 | 8.50 |
| 1979 | Mar. 04 | 7,000 | 15.00c | 1987 | Feb. 28 | 1,380 | 7.48 | 1990 | Mar. 16 | 3,090 | 10.43 |
| 1984 | Dec. 06 | 1,760 | 8.33 | | | | | | | | |

## 02394950 HILLS CREEK NEAR TAYLORSVILLE, GEORGIA

LOCATION.--Lat 34°04'27", long 84°57'02", Polk County, on left bank on downstream side of highway bridge on county road, 2 mi southeast of Taylorsville, and 2 mi upstream from mouth.
DRAINAGE AREA.--25 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is about 690 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,670 $ft^3/s$, and extended above on the basis of slope-area determination at 7,500 $ft^3/s$. Bankfull stage and discharge, 6 ft and 400 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | Jan. 31 | 24 | 7.98 | 1967 | Apr. 26 | 1,050 | 8.71 | 1973 | Mar. 16 | 1,460 | 9.21 |
| 1961 | Feb. 21 | 3,000 | 10.40 | 1968 | Apr. 05 | 697 | 7.99 | 1974 | Apr. 04 | 3,460 | 10.64 |
| 1962 | Dec. 12 | 2,500 | 10.10 | 1969 | Jan. 20 | 423 | 6.69 | 1977 | Mar. 30 | 2,710 | 10.14 |
| 1963 | Mar. 12 | 3,900 | 10.80 | 1970 | Mar. 20 | 1,820 | 9.57 | 1979 | Mar. 04 | 7,500 | 11.18 |
| 1964 | Mar. 26 | 1,450 | 9.20 | 1971 | Apr. 23 | 1,130 | 8.88 | 1982 | Feb. 03 | 3,650 | 10.70c |
| 1965 | Apr. 12 | 805 | 8.23 | 1972 | Jan. 04 | 1,510 | 9.26 | 1990 | Mar. 16 | 1,510 | 9.46c |
| 1966 | Mar. 04 | 1,110 | 8.81 | | | | | | | | |

## 02395000 ETOWAH RIVER NEAR KINGSTON, GEORGIA

LOCATION.--Lat 34°12'24", long 84°58'44", Bartow County, on downstream side of center pier of bridge on U.S. Highway 411, 1 mi upstream from Two Run Creek, 1.5 mi upstream from Connesena Creek, and 2.5 mi southwest of Kingston.
DRAINAGE AREA.--1,630 $mi^2$, approximately.
GAGE.--Water-stage recorder. Datum of gage is 609.97 ft above sea level (level from Dixie Construction Company benchmark). Prior to Aug. 11, 1928, nonrecording gage, Aug. 11, 1928, to Dec. 28, 1931, water-stage recorder, Nov. 16, 1936, to June 15, 1937, nonrecording gage and June 16, 1937, to June 27, 1960, water-stage recorder, all 500 ft upstream at same datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 41,000 $ft^3/s$, and above on the basis of straight-line extension. Bankfull stage and discharge, 14 ft and 14,500 $ft^3/s$.
HISTORICAL DATA.--Peak stage for December 1919 based on inforamtion from local resident. The December 1919 flood was the highest since 1916, based on records downstream on Etowah River at Rome.
REMARKS.--Peak discharges since December 1949 are regulated by storage in Allatoona Reservoir (maximum flood-control storage, 587,200 acre-ft). Records furnished by the U.S. Army Corps of Engineers from 1950 to 1976.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1920 | Dec. 11 | 52,000 | 31.00c | 1953 | May 08 | 12,800 | 12.10 | 1972 | Jan. 10 | 16,100 | 15.04 |
| 1929 | May 02 | 29,700 | 21.42 | 1954 | Jan. 16 | 13,600 | 12.68 | 1973 | Mar. 16 | 16,200 | 15.14 |
| 1930 | Mar. 07 | 29,900 | 21.50 | 1955 | Apr. 05 | 9,520 | 10.60 | 1974 | Apr. 05 | 20,100 | 17.56 |
| 1931 | Nov. 16 | 12,600 | 12.30 | 1956 | Mar. 16 | 11,400 | 11.71 | 1975 | Feb. 05 | 13,300 | 13.30 |
| 1937 | Jan. 03 | 31,800 | 22.40 | 1957 | Apr. 05 | 18,000 | 15.15 | 1976 | Mar. 17 | 19,800 | 17.35 |
| 1938 | Apr. 09 | 42,700 | 27.70 | 1958 | Nov. 19 | 11,400 | 11.70 | 1977 | Mar. 30 | 30,000 | 21.53 |
| 1939 | Feb. 28 | 17,600 | 15.50 | 1959 | June 01 | 9,730 | 11.10 | 1978 | May 09 | 13,000 | 13.11 |
| 1940 | Aug. 14 | 14,500 | 13.80 | 1960 | Feb. 01 | 9,330 | 10.80 | 1979 | Mar. 04 | 27,700 | 22.30 |
| 1941 | July 07 | 12,600 | 12.70 | 1961 | Feb. 21 | 25,200 | 18.52 | 1980 | Apr. 14 | 20,300 | 17.70 |
| 1942 | Mar. 22 | 28,000 | 20.90 | 1962 | Dec. 12 | 19,300 | 15.80 | 1981 | May 28 | 14,300 | 14.32 |
| 1943 | Dec. 29 | 29,800 | 21.80 | 1963 | Mar. 13 | 16,600 | 15.00 | 1982 | Feb. 03 | 28,000 | 21.97 |
| 1944 | Mar. 30 | 23,100 | 18.40 | 1964 | Mar. 26 | 22,900 | 19.40 | 1983 | Jan. 20 | 13,200 | 13.47 |
| 1945 | Apr. 25 | 11,700 | 12.20 | 1965 | Oct. 16 | 12,000 | 12.55 | 1984 | Dec. 06 | 17,000 | 15.80 |
| 1946 | Jan. 09 | 39,000 | 26.10 | 1966 | Apr. 28 | 13,300 | 13.40 | 1985 | Feb. 06 | 11,500 | 12.36 |
| 1947 | Jan. 21 | 29,900 | 22.10 | 1967 | Aug. 25 | 15,000 | 14.37 | 1986 | Nov. 19 | 8,110 | 10.08 |
| 1948 | Feb. 09 | 20,300 | 17.30 | 1968 | Jan. 10 | 14,300 | 13.92 | 1987 | Feb. 28 | 10,700 | 11.84 |
| 1949 | Nov. 30 | 38,600 | 25.90 | 1969 | Apr. 19 | 10,500 | 11.55 | 1988 | Jan. 20 | 8,810 | 10.56 |
| 1950 | Sept.08 | 16,300 | 15.20 | 1970 | Mar. 21 | 11,700 | 12.30 | 1989 | June 20 | 10,500 | 11.69 |
| 1951 | Mar. 29 | 12,000 | 11.70 | 1971 | Mar. 25 | 11,700 | 12.05 | 1990 | Mar. 17 | 26,600 | 21.26 |
| 1952 | Mar. 23 | 24,700 | 18.6,0 | | | | | | | | |

## 02395120 TWO RUN CREEK NEAR KINGSTON, GEORGIA

LOCATION.--Lat 34°14'34", long 84°53'23", Bartow County, on right bank 200 ft upstream from bridge on State Highway 293, 1.9 mi upstream from Limekiln Branch, and 3 mi east of Kingston.
DRAINAGE AREA.--33.1 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 723.1 ft above sea level (level by Global Positioning System).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 1,430 $ft^3/s$, and extended above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1981 | Mar. 30 | 531 | 5.04 | 1985 | Feb. 01 | 394 | 3.82 | 1988 | Jan. 20 | 692 | 5.15 |
| 1982 | Feb. 03 | 3,180 | 7.91 | 1986 | Oct. 01 | 118 | 1.89 | 1989 | Mar. 05 | 2,170 | 7.10 |
| 1983 | May 19 | 1,140 | 5.99 | 1987 | Feb. 28 | 1,330 | 6.23 | 1990 | Mar. 16 | 2,940 | 7.74 |
| 1984 | Dec. 04 | 1,370 | 6.27 | | | | | | | | |

## 02395500 DIKES CREEK NEAR ROME, GEORGIA

LOCATION.--Lat 34°15'30", long 85°05'01", Floyd County, 0.5 mi upstream from bridge on U.S. Highway 411, 1.5 mi upstream from mouth, and 5 mi east of Rome.
DRAINAGE AREA.--14.9 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is about 620 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 700 $ft^3/s$, and extended above on the basis of straight-line extension.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1939 | Feb. 28 | 259 | 2.54 | 1941 | July 07 | 70.0 | 1.38 | 1943 | Dec. 29 | 873 | 4.60 |
| 1940 | Mar. 14 | 141 | 1.87 | 1942 | Feb. 16 | 1,010 | 5.10 | | | | |

## 02395990 ETOWAH RIVER TRIBUTARY AT ROME, GEORGIA

LOCATION.--Lat 34°16'02", long 85°08'18", Floyd County, at culvert on Atteiram Road at Rome.
DRAINAGE AREA.--0.37 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Aug. 13, 1986. Crest-stage 1987 to present.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 45 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Apr. 13 | 190 | 7.20 | 1983 | Nov. 28 | 104 | 5.00 | 1987 | Aug. 05 | 29.0 | 2.61 |
| 1980 | July 24 | 116 | 5.46 | 1984 | July 17 | 125 | 5.82 | 1988 | Jan. 19 | 77.0 | 4.10 |
| 1981 | May 31 | 73.0 | 3.96 | 1985 | May 12 | 94.0 | 4.67 | 1989 | Feb. 28 | 175 | 7.34 |
| 1982 | Mar. 17 | 135 | 6.16 | 1986 | Mar. 13 | 193 | 7.46 | 1990 | Feb. 16 | 185 | 7.41 |

## 02396000 ETOWAH RIVER AT ROME, GEORGIA

LOCATION.--Lat 34°15'26", long 85°09'30", Floyd County, on downstream side of center pier of Southern Railway bridge in Rome, 2 mi upstream from confluence with Oostanaula River.
DRAINAGE AREA.--1,820 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 561.70 ft above sea level (level from U.S. Coast and Geodetic Survey benchmark). Since May 15, 1939, auxiliary water-stage recorder at Second Avenue Bridge, 1 mi downstream.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 46,500 $ft^3/s$. Stage-discharge relation is affected by backwater from Oostanaula River and fall between the base and auxiliary gages is used as a factor in computing discharge. Bankfull stage and discharge, 25 ft and about 15,000 $ft^3/s$.
HISTORICAL DATA.--Peak stage for April 1938 based on information furnished by the U.S. Army Corps of Engineers. Flood of December 1919 was maximum known flood since 1916, based on information from local residents; discharge estimated from data at upstream gaging stations.
REMARKS.--Peak discharges since December 1949 are regulated by storage in Allatoona Reservoir (maximum flood-control storage, 587,200 acre-ft). Peak discharges for 1920 and 1939 are estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1920 | Dec. 11 | 55,000 | --c | 1955 | Feb. 07 | 9,430 | 21.30a | 1973 | Mar. 17 | 18,100 | 25.22a |
| 1938 | Apr. 09 | 46,500 | 37.50 | 1956 | Mar. 17 | 11,400 | 20.50a | 1974 | Apr. 05 | 21,700 | 29.02 |
| 1939 | Mar. 01 | 18,000 | -- | 1957 | Apr. 05 | 19,300 | 27.90a | 1975 | Mar. 16 | 15,800 | 24.50a |
| 1940 | Aug. 14 | 14,400 | 18.40a | 1958 | Nov. 19 | 10,500 | 20.81a | 1976 | Mar. 31 | 24,200 | 30.20a |
| 1941 | July 07 | 13,200 | 19.30a | 1959 | June 01 | 8,580 | 16.10a | 1977 | Mar. 30 | 30,700 | 32.99a |
| 1942 | Mar. 22 | 27,000 | 29.10a | 1960 | Feb. 01 | 8,620 | 17.30a | 1978 | Jan. 26 | 15,600 | 24.88 |
| 1943 | Dec. 30 | 29,000 | 32.10a | 1961 | Feb. 22 | 23,700 | 30.10a | 1979 | Mar. 04 | 36,000 | 36.13a |
| 1944 | Mar. 30 | 25,200 | 30.70a | 1962 | Dec. 12 | 20,700 | 28.16a | 1980 | Apr. 14 | 26,400 | 30.21a |
| 1945 | Apr. 26 | 12,000 | 17.80a | 1963 | Apr. 30 | 18,500 | 27.60a | 1981 | May 28 | 13,100 | 18.53 |
| 1946 | Jan. 09 | 36,900 | 36.20a | 1964 | Mar. 26 | 29,500 | 33.25a | 1982 | Feb. 04 | 30,100 | 32.81 |
| 1947 | Jan. 21 | 28,900 | 36.70a | 1965 | Apr. 05 | 12,500 | 22.97a | 1983 | Apr. 09 | 15,700 | 25.04 |
| 1948 | Feb. 10 | 22,200 | 28.20a | 1966 | Mar. 04 | 18,000 | 27.58a | 1984 | Dec. 07 | 19,100 | 26.45 |
| 1949 | Nov. 30 | 35,700 | 37.40a | 1967 | Aug. 27 | 16,700 | 25.31a | 1985 | Feb. 06 | 12,200 | 21.25 |
| 1950 | Mar. 14 | 16,600 | 27.60a | 1968 | Jan. 10 | 16,500 | 26.58a | 1986 | Dec. 05 | 8,420 | 13.96 |
| 1951 | Mar. 29 | 14,800 | 28.30a | 1969 | Apr. 19 | 10,700 | 21.07a | 1987 | Mar. 01 | 17,000 | 26.24 |
| 1952 | Mar. 23 | 23,000 | 28.60a | 1970 | Mar. 20 | 13,200 | 22.94a | 1988 | Jan. 20 | 9,410 | 20.49 |
| 1953 | May 08 | 11,700 | 19.80 | 1971 | Mar. 26 | 11,600 | 21.29a | 1989 | Mar. 06 | 14,900 | 25.96 |
| 1954 | Jan. 16 | 15,000 | 25.40a | 1972 | Jan. 11 | 17,700 | 26.40a | 1990 | Mar. 17 | 33,800 | 36.77 |

## 02396290 SILVER CREEK TRIBUTARY NO. 1, NEAR ROME, GEORGIA

LOCATION.--Lat 34°10'24", long 85°09'21", Floyd County, at culvert on Silver Creek Road, near Rome.
DRAINAGE AREA.--0.62 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 74 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Mar. 03 | 314 | 6.94 | 1982 | Apr. 25 | 113 | 3.80 | 1985 | July 21 | 73.0 | 3.10 |
| 1980 | Mar. 20 | 199 | 5.24 | 1983 | Feb. 01 | 44.0 | 2.51 | 1986 | Aug. 19 | 54.0 | 2.72 |
| 1981 | Sept.01 | 145 | 4.34 | 1984 | July 31 | 131 | 4.10 | | | | |

02396510 SILVER CREEK TRIBUTARY NO. 2, AT LINDALE ROAD NEAR ROME, GEORGIA

LOCATION.--Lat 34°12'56", long 85°10'09", Floyd County, at culvert on Lindale Road, near Rome.
DRAINAGE AREA.--0.04 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Sept. 4, 1986. Crest-stage gage 1987 to present.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 10 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Sept.28 | 35.0 | 3.39 | 1983 | May 19 | 19.0 | 2.74 | 1987 | Mar. 01 | 13.0 | 2.18 |
| 1980 | Mar. 20 | 12.0 | 2.40 | 1984 | Apr. 28 | 35.0 | 3.41 | 1988 | Aug. 20 | 6.0 | 1.82 |
| 1981 | Aug. 30 | 15.0 | 2.56 | 1985 | July 24 | 17.0 | 2.65 | 1989 | Feb. 28 | 44.0 | 3.48 |
| 1982 | July 15 | 14.0 | 2.55 | 1986 | Aug. 08 | 13.0 | 2.46 | 1990 | Feb. 16 | 41.0 | 3.36 |

02396515 SILVER CREEK TRIBUTARY NO. 2, AT U.S. HIGHWAYS 27 AND 411 NEAR ROME, GEORGIA

LOCATION.--Lat 34°13'08", long 85°10'27", Floyd County, at culvert on U.S. Highways 27 and 411 at junction with Old Lindale Road, near Rome.
DRAINAGE AREA.--0.19 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 49 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Apr. 13 | 108 | 4.27 | 1982 | Feb. 02 | 37.0 | 3.44 | 1985 | July 24 | 5.9 | 2.21 |
| 1980 | Mar. 17 | 74 | 3.90 | 1983 | June 19 | 32.0 | 3.38 | 1986 | Mar. 13 | 4.0 | 2.02 |
| 1981 | Aug. 30 | 72 | 3.87 | 1984 | July 31 | 78.0 | 3.95 | | | | |

02396550 SILVER CREEK TRIBUTARY NO. 3, AT ROME, GEORGIA

LOCATION.--Lat 34°13'26", long 85°09'14", Floyd County, at culvert on U.S. Highway 27, 0.4 mile north of U.S. Highway 411 interchange, at Rome.
DRAINAGE AREA.--0.19 $mi^2$.
GAGE.--Flood-stage/rainfall recorder prior to Aug. 13, 1986. Crest-stage gage 1987 to present.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 47 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Sept.28 | 181 | 5.06 | 1983 | Apr. 08 | 144 | 4.79 | 1987 | Oct. 13 | 133 | 4.89 |
| 1980 | May 22 | 123 | 4.62 | 1984 | July 28 | 156 | 4.97 | 1988 | Jan. 19 | 113 | 4.69 |
| 1981 | Aug. 30 | 115 | 4.55 | 1985 | Aug. 17 | 110 | 4.51 | 1989 | Feb. 28 | 181 | 5.35 |
| 1982 | July 15 | 189 | 5.11 | 1986 | Aug. 27 | 185 | 5.39 | 1990 | Feb. 16 | 162 | 5.17 |

## 02396680 HORSELEG CREEK AT ROME, GEORGIA

LOCATION.--Lat 34°16'03", long 85°13'29", Floyd County, at culvert on Castlewood Drive, at Rome.
DRAINAGE AREA.--1.31 $mi^2$.
GAGE.--Flood-stage/rainfall recorder.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 158 $ft^3/s$, and extended above on the basis of culvert computations.
REMARKS.--Flow is affected by urbanization.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Mar. 04 | 562 | 7.63 | 1982 | Jan. 03 | 399 | 6.47 | 1985 | Aug. 25 | 284 | 4.67 |
| 1980 | Mar. 07 | 296 | 4.85 | 1983 | Aug. 31 | 310 | 5.08 | 1986 | Mar. 19 | 264 | 4.42 |
| 1981 | Aug. 30 | 414 | 6.62 | 1984 | July 31 | 453 | 7.01 | | | | |

## 02397000 COOSA RIVER NEAR ROME, GEORGIA

LOCATION.--Lat 34°12'01", long 85°15'24", Floyd County, on left bank attached to shoreward side of lock wall of Mayo Bar lock near upstream end, 1.5 mi upstream from Webb Creek, 6 mi southwest of Rome, 7.5 mi downstream from confluence of Oostanaula and Etowah Rivers, and at mile 278.6.

DRAINAGE AREA.--4,040 $mi^2$, approximately.

GAGE.--Water-stage recorder. Datum of gage is 553.05 ft abaove sea level (levels by the U.S. Army Corps of Engineers). Nonrecording gage prior to June 21, 1928; water-stage recorder June 21, 1928, to Feb. 28, 1932; nonrecording gage Mar. 1, 1932, to Mar. 9, 1937; water-stage recorder Mar. 10, 1937, to Dec. 31, 1958; at site 200 ft downstream at same datum. Crest-stage gage December 1958 to Oct. 1, 1962, and water-stage recorder thereafter at present site. Water-stage recorder on the Oostanaula River at Fifth Avenue in Rome used as auxiliary gage since 1963.

STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 63,000 $ft^3/s$, and extended above on the basis of peak flow at gaging station on Coosa River at Gadsden, Ala. Stage-discharge relation is affected by backwater at higher stages and fall between the base and auxillary gages, and is used as a factor in computing discharge. Bankfull stage and discharge, 30 ft and 39,000 $ft^3/s$.

HISTORICAL DATA.--The April 1886 flood on the Coosa River was the highest that has occurred since the city of Rome was founded in 1834, based on information given in, "A History of Rome and Floyd County," Georgia Department of Archives.

REMARKS.--Peak stage of 1886 flood 40.3 ft at site and datum at Rome is equivalent to about 43 ft at present site.Peak stages for 1914-27 and 1933-36 furnished by the U.S. Army Corps of Engineers. Peak discharges since December 1949 are slightly affected by storage in Allatoona Reservoir (maximum flood-control storage, 587,200 acre-ft) and since November 1924 by storage in Carters Lake and re-regulation dam (maximum flood-control storage, 230,600 acre-ft). Peak discharge for 1916 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | Apr. 01 | 100,000 | 43.00c | 1939 | Mar. 01 | 34,000 | 26.50 | 1965 | Mar. 31 | 30,300 | 25.02 |
| 1914 | Apr. 16 | 25,900 | 22.00 | 1940 | Mar. 14 | 25,500 | 20.40 | 1966 | Mar. 05 | 35,300 | 28.31 |
| 1915 | Feb. 02 | 29,900 | 25.10 | 1941 | July 06 | 25,000 | 19.80 | 1967 | Aug. 26 | 30,900 | 25.06 |
| 1916 | July 12 | 65,500 | -- | 1942 | Mar. 22 | 39,600 | 29.50 | 1968 | Jan. 17 | 33,800 | 27.10 |
| 1917 | Mar. 06 | 51,000 | 34.00 | 1943 | Dec. 31 | 48,800 | 33.20 | 1969 | Feb. 09 | 28,000 | 23.55 |
| 1918 | Jan. 31 | 31,400 | 26.20 | 1944 | Mar. 31 | 45,700 | 32.40 | 1970 | Mar. 22 | 29,500 | 24.55 |
| 1919 | Dec. 24 | 44,000 | 32.00 | 1945 | Feb. 14 | 27,100 | 22.90 | 1971 | Mar. 04 | 27,000 | 22.91 |
| 1920 | Dec. 12 | 62,000 | 36.40 | 1946 | Feb. 12 | 69,500 | 36.80 | 1972 | Jan. 12 | 32,300 | 26.69 |
| 1921 | Feb. 12 | 59,500 | 35.90 | 1947 | Jan. 22 | 71,000 | 37.05 | 1973 | Mar. 18 | 31,200 | 25.85 |
| 1922 | Jan. 24 | 50,600 | 33.90 | 1948 | Feb. 15 | 41,000 | 31.00 | 1974 | Apr. 05 | 37,000 | 28.89 |
| 1923 | Dec. 19 | 37,800 | 29.70 | 1949 | Nov. 30 | 69,000 | 36.70 | 1975 | Mar. 15 | 31,200 | 25.86 |
| 1924 | Apr. 20 | 31,900 | 26.60 | 1950 | Mar. 15 | 37,500 | 29.60 | 1976 | Apr. 01 | 37,700 | 29.64 |
| 1925 | Jan. 20 | 44,300 | 32.10 | 1951 | Mar. 30 | 49,400 | 33.60 | 1977 | Apr. 06 | 55,700 | 33.79 |
| 1926 | Jan. 19 | 28,500 | 24.00 | 1952 | Mar. 24 | 35,600 | 28.80 | 1978 | Jan. 27 | 31,500 | 26.05 |
| 1927 | Dec. 30 | 31,900 | 26.60 | 1953 | Jan. 10 | 25,300 | 21.50 | 1979 | Mar. 05 | 60,500 | 35.00 |
| 1928 | Dec. 17 | 23,700 | 20.20 | 1954 | Jan. 23 | 37,200 | 29.50 | 1980 | Mar. 22 | 44,400 | 30.97 |
| 1929 | Mar. 16 | 43,000 | 30.70 | 1955 | Feb. 08 | 29,400 | 24.70 | 1981 | Feb. 12 | 22,000 | 20.29 |
| 1930 | Mar. 09 | 44,200 | 30.94 | 1956 | Apr. 17 | 25,500 | 21.70 | 1982 | Feb. 04 | 46,500 | 31.57 |
| 1931 | Nov. 17 | 30,000 | 24.90 | 1957 | Apr. 06 | 36,200 | 29.10 | 1983 | Apr. 09 | 32,400 | 26.80 |
| 1932 | Feb. 04 | 33,700 | 27.80 | 1958 | Nov. 20 | 27,100 | 22.90 | 1984 | Dec. 07 | 33,000 | 26.99 |
| 1933 | Dec. 30 | 70,500 | 37.00 | 1959 | Apr. 21 | 18,600 | 16.10 | 1985 | Feb. 06 | 26,000 | 22.55 |
| 1934 | Mar. 06 | 42,800 | 31.60 | 1960 | Mar. 05 | 23,300 | 19.80 | 1986 | Feb. 19 | 11,300 | 15.60 |
| 1935 | Mar. 14 | 27,800 | 23.50 | 1961 | Feb. 26 | 39,000 | 30.20 | 1987 | Mar. 01 | 33,600 | 27.45 |
| 1936 | Apr. 08 | 70,000 | 36.90 | 1962 | Dec. 19 | 37,000 | 29.43 | 1988 | Jan. 21 | 25,600 | 22.32 |
| 1937 | Jan. 04 | 60,500 | 34.90 | 1963 | May 01 | 34,600 | 28.33 | 1989 | Mar. 06 | 33,900 | 27.46 |
| 1938 | Apr. 10 | 66,600 | 36.20 | 1964 | Mar. 27 | 49,500 | 31.98 | 1990 | Mar. 18 | 65,500 | 35.97 |

## 02397410 CEDAR CREEK AT CEDARTOWN, GEORGIA

LOCATION.--Lat 33°59'45", long 85°15'53", Polk County, at right downstream bridge pier on Georgia Avenue at Cedartown at mile 29.9.
DRAINAGE AREA.--66.9 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 758.88 ft above sea level (levels by the Georgia Department of Transportation). July 1948 to Dec. 1959, water-stage recorder at same site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 6,700 $ft^3/s$, and extended above on the basis of contracted opening and flow over the road computations.
HISTORICAL DATA.--The flood of 1979 is thought to be the highest since 1886, based on information from local residents.
REMARKS.--Records furnished by the U.S. Army Corps of Engineers from 1948 to 1958. Peak stages for 1974, 1975, and 1979 based on floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1949 | Nov. 28 | 11,000 | 18.80 | 1957 | Apr. 05 | 5,700 | 15.90 | 1984 | July 31 | 2,700 | 12.89 |
| 1950 | Mar. 13 | 3,240 | 12.80 | 1958 | Nov. 17 | 2,700 | 11.60 | 1985 | Feb. 01 | 1,460 | 9.43 |
| 1951 | Mar. 29 | 8,800 | 17.20 | 1974 | Apr. 04 | 12,700 | 19.55c | 1986 | Mar. 13 | 477 | 5.66 |
| 1952 | Mar. 23 | 6,600 | 16.20 | 1975 | Sept.23 | 10,500 | 18.60c | 1987 | Feb. 28 | 3,230 | 13.88 |
| 1953 | Jan. 19 | 2,850 | 12.00 | 1979 | Mar. 04 | 16,500 | 21.10c | 1988 | Jan. 20 | 1,990 | 11.11 |
| 1954 | Jan. 16 | 8,600 | 16.70 | 1980 | Mar. 20 | 7,800 | 17.50 | 1989 | Mar. 06 | 4,280 | 15.94 |
| 1955 | Feb. 06 | 2,800 | 11.90 | 1982 | Feb. 03 | 5,080 | 16.43 | 1990 | Mar. 16 | 7,910 | 18.36 |
| 1956 | Feb. 06 | 2,000 | 10.00 | 1983 | Apr. 08 | 2,610 | 13.01 | | | | |

## 02397500 CEDAR CREEK NEAR CEDARTOWN, GEORGIA

LOCATION.--Lat 34°03'38", long 85°18'41", Polk County, on left bank 700 ft downstream from bridge on State Highway 161, 4.5 mi upstream from Lake Creek, and 4.5 mi northwest of Cedartown.
DRAINAGE AREA.--115 $mi^2$ (revised).
GAGE.--Water-stage recorder prior to Sept. 30, 1973; crest-stage gage thereafter. Datum of gage is 724.72 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 10,700 $ft^3/s$, and abaove on the basis of straight-line extension. Bankfull stage and discharge, 8 ft and 3,000 $ft^3/s$.
HISTORICAL DATA.--The flood of 1979 is thought to be the highest since 1886, based on information from local residents.
REMARKS.--Peak stage of 1977 and 1979 based on floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1943 | Apr. 19 | 4,240 | 10.30 | 1955 | Feb. 07 | 4,170 | 9.90 | 1966 | Apr. 29 | 7,280 | 14.43 |
| 1944 | Mar. 07 | 4,370 | 10.50 | 1956 | Mar. 16 | 3,340 | 8.80 | 1967 | Apr. 27 | 3,360 | 8.58 |
| 1945 | Mar. 04 | 2,830 | 7.90 | 1957 | Apr. 05 | 6,500 | 13.50 | 1968 | Mar. 12 | 3,770 | 9.88a |
| 1946 | Feb. 10 | 9,700 | 15.80 | 1958 | July 20 | 2,920 | 8.20 | 1969 | Apr. 15 | 2,220 | 6.98 |
| 1947 | Jan. 20 | 7,060 | 14.20 | 1959 | May 31 | 4,170 | 9.90 | 1970 | Mar. 20 | 6,920 | 14.08 |
| 1948 | Feb. 09 | 3,200 | 8.65 | 1960 | Jan. 31 | 1,720 | 6.60 | 1971 | Apr. 24 | 4,370 | 10.70 |
| 1949 | Nov. 28 | 10,800 | 16.40 | 1961 | Feb. 21 | 8,400 | 16.20 | 1972 | Jan. 05 | 5,100 | 11.70 |
| 1950 | Mar. 13 | 4,680 | 10.50 | 1962 | July 07 | 8,300 | 16.10 | 1973 | Mar. 17 | 5,700 | 11.76 |
| 1951 | Mar. 29 | 7,300 | 14.54 | 1963 | Mar. 13 | 6,840 | 14.20 | 1974 | Apr. 06 | 10,800 | 16.40 |
| 1952 | Mar. 23 | 6,420 | 13.40 | 1964 | Mar. 26 | 5,360 | 11.40 | 1977 | Mar. 30 | 9,970 | 15.98c |
| 1953 | Jan. 09 | 3,200 | 8.60 | 1965 | June 08 | 2,560 | 6.92 | 1979 | Mar. 05 | 17,000 | 19.40c |
| 1954 | Jan. 16 | 6,180 | 13.10 | | | | | | | | |

## 02397750 DUCK CREEK ABOVE LAFAYETTE, GEORGIA

LOCATION.--Lat 34°42'17", long 85°19'40", Walker County, at culvert on county road, 2.5 mi west of Lafayette.
DRAINAGE AREA.--6.34 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 790 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 410 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 26 | 812 | 6.93 | 1969 | Sept.05 | 885 | 7.22 | 1973 | Mar. 16 | 1,880 | 10.45 |
| 1966 | Mar. 04 | 1,030 | 7.85 | 1970 | Dec. 30 | 557 | 5.76 | 1974 | Dec. 05 | 679 | 6.37 |
| 1967 | Nov. 10 | 505 | 5.50 | 1971 | Feb. 05 | 633 | 6.14 | 1977 | Mar. 30 | 868 | 7.15c |
| 1968 | Dec. 18 | 553 | 5.74 | 1972 | May 13 | 1,200 | 8.40 | 1990 | Feb. 16 | 2,040 | 10.86c |

## 02397830 HARRISBURG CREEK NEAR HAWKINS, GEORGIA

LOCATION.--Lat 34°36'02", long 85°23'21", Walker County, at bridge on county road no. 91, 0.7 mi west of Hawkins.
DRAINAGE AREA.--13.3 $mi^2$.
GAGE.--Water-stage recorder prior to Sept. 30, 1982, crest-stage gage thereafter. Datum of gage is about 730 ft above sea level (from topographic map). Bankfull stage and discharge, 9 ft and 2,100 $ft^3/s$.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 470 $ft^3/s$, and extended above on basis of slope-area computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1980 | Mar. 21 | 1,740 | 8.89 | 1984 | July 31 | 1,110 | 7.85 | 1988 | Jan. 20 | 4,260 | 11.20 |
| 1981 | Mar. 30 | 612 | 6.78 | 1985 | Jan. 31 | 1,110 | 7.85 | 1989 | Feb. 28 | 825 | 7.30 |
| 1982 | Jan. 03 | 1,640 | 8.74 | 1986 | Feb. 18 | 6,6.0 | 4.41 | 1990 | Feb. 16 | 5,530 | 12.00 |
| 1983 | Nov. 30 | 3,570 | 10.74 | 1987 | Nov. 25 | 2,000 | 9.12 | | | | |

## 02398000 CHATTOOGA RIVER AT SUMMERVILLE, GEORGIA

LOCATION.--Lat 34°28'03", long 85°20'19", Chattooga County, on left bank 600 ft downstream from bridge on U.S. Highway 27, 1 mi southeast of Summerville, and 4 mi upstream from Raccoon Creek.
DRAINAGE AREA.--192 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 613.47 ft above sea level (levels by the Georgia Department of Transportation). Prior to Nov. 12, 1937, nonrecording gage at same site and datum.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 24,300 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and discharge, 13 ft and 3,600 $ft^3/s$.
REMARKS.--Peak stage of 1990 from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Apr. 08 | 12,100 | 17.70 | 1956 | Feb. 17 | 6,500 | 15.60 | 1974 | Nov. 28 | 7,320 | 15.71 |
| 1939 | Feb. 28 | 10,200 | 16.90 | 1957 | Feb. 01 | 7,540 | 16.10 | 1975 | Mar. 14 | 6,980 | 15.54 |
| 1940 | Mar. 14 | 3,240 | 12.20 | 1958 | Nov. 18 | 13,900 | 18.40 | 1976 | July 05 | 6,300 | 15.20 |
| 1941 | July 16 | 2,660 | 11.40 | 1959 | Jan. 22 | 3,290 | 13.00 | 1977 | Mar. 31 | 12,500 | 17.66 |
| 1942 | Feb. 17 | 5,040 | 14.80 | 1960 | Mar. 03 | 3,190 | 12.80 | 1978 | Nov. 06 | 8,400 | 16.20 |
| 1943 | Dec. 29 | 12,600 | 17.90 | 1961 | Feb. 23 | 8,220 | 16.40 | 1979 | Mar. 04 | 20,000 | 19.43 |
| 1944 | Mar. 29 | 7,330 | 16.20 | 1962 | Dec. 18 | 9,460 | 16.90 | 1980 | Mar. 21 | 10,300 | 16.91 |
| 1945 | Feb. 13 | 7,110 | 16.10 | 1963 | Apr. 30 | 11,700 | 17.40 | 1981 | Mar. 30 | 3,940 | 13.35 |
| 1946 | Jan. 08 | 16,600 | 18.80 | 1964 | Mar. 15 | 11,700 | 17.40 | 1982 | Jan. 04 | 17,000 | 18.82 |
| 1947 | Jan. 20 | 10,400 | 17.30 | 1965 | Mar. 27 | 9,070 | 16.47 | 1983 | Dec. 02 | 13,200 | 17.90 |
| 1948 | Feb. 13 | 9,200 | 16.80 | 1966 | Mar. 04 | 20,400 | 19.50 | 1984 | May 03 | 7,500 | 15.67 |
| 1949 | Nov. 28 | 22,700 | 20.60 | 1967 | Feb. 21 | 3,790 | 13.29 | 1985 | Feb. 02 | 5,060 | 14.14 |
| 1950 | Sept.08 | 9,720 | 17.00 | 1968 | Dec. 19 | 7,440 | 15.77 | 1986 | Feb. 19 | 2,350 | 10.38 |
| 1951 | Mar. 29 | 24,500 | 21.00 | 1969 | Feb. 03 | 7,220 | 15.66 | 1987 | Nov. 26 | 5,450 | 14.68 |
| 1952 | Mar. 11 | 16,000 | 19.00 | 1970 | Dec. 31 | 4,730 | 14.57 | 1988 | Jan. 20 | 10,200 | 16.88 |
| 1953 | Feb. 21 | 8,220 | 16.40 | 1971 | Feb. 05 | 5,230 | 14.64 | 1989 | July 04 | 6,730 | 15.39 |
| 1954 | Jan. 16 | 10,300 | 17.20 | 1972 | May 14 | 11,700 | 17.48 | 1990 | Feb. 16 | 30,100 | 22.63 |
| 1955 | Feb. 07 | 6,310 | 15.50 | 1973 | Mar. 17 | 18,600 | 19.15 | | | | |

## 02411735 MCCLENDON CREEK TRIBUTARY NEAR DALLAS, GEORGIA

LOCATION.--Lat 33°50'58", long 84°51'20", Paulding County, at culvert on Georgia Highway 120, 9.3 mi southwest of Dallas.
DRAINAGE AREA.--0.88 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 1,200 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 17.3 $ft^3/s$, and extended above on basis of culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Mar. 30 | 302 | 4.27 | 1982 | Feb. 03 | 299 | 4.21 | 1987 | Feb. -- | 22 | --b |
| 1978 | Nov. 05 | 416 | 5.27 | 1983 | Feb. 02 | 260 | 3.85 | 1988 | Jan. 20 | 189 | 3.18 |
| 1979 | Mar. 04 | 295 | 4.20 | 1984 | Dec. 06 | 480 | 5.70 | 1989 | June 21 | 164 | 2.92 |
| 1980 | Apr. 13 | 240 | 3.65 | 1985 | Feb. 01 | 154 | 2.79 | 1990 | Oct. 01 | 392 | 5.01 |
| 1981 | May 27 | 860 | 8.23 | 1986 | Jan. -- | 22 | --b | | | | |

## 02411800 LITTLE RIVER NEAR BUCHANAN, GEORGIA

LOCATION.--Lat 33°47'51", long 85°07'03", Haralson County, on right bank 150 ft upstream from county highway bridge, 4.5 mi east of Buchanan, and 7 mi upstream from mouth.
DRAINAGE AREA.--20.2 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is about 1,110 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,300 $ft^3/s$, and extended above on basis of slope-area measurement at 3,710 $ft^3/s$. Bankfull stage and discharge, 8 ft and 1,500 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | Apr. 03 | 780 | 6.05 | 1969 | Jan. 20 | 518 | 3.68 | 1978 | Nov. 05 | 1,450 | 8.00 |
| 1961 | Feb. 21 | 3,710 | 12.47 | 1970 | Mar. 20 | 3,080 | 11.69 | 1979 | Mar. 03 | 3,010 | 11.00 |
| 1962 | Feb. 22 | 1,450 | 8.50 | 1971 | Mar. 03 | 1,080 | 6.15 | 1980 | May 23 | 916 | 4.73 |
| 1963 | Mar. 12 | 2,700 | 11.50 | 1972 | May 14 | 1,290 | 7.18 | 1981 | May 26 | 1,050 | 5.38 |
| 1964 | Jan. 25 | 3,480 | 12.20 | 1973 | Mar. 16 | 2,180 | 10.16 | 1982 | Feb. 03 | 1,870 | 8.56 |
| 1965 | Apr. 05 | 1,140 | 6.69 | 1974 | Dec. 31 | 1,840 | 9.30 | 1983 | May 19 | 1,400 | 7.01 |
| 1966 | Mar. 04 | 3,820 | 12.58 | 1975 | Mar. 13 | 981 | 5.70 | 1984 | Dec. 06 | 2,640 | 10.19 |
| 1967 | Aug. 24 | 1,840 | 9.25 | 1976 | Mar. 16 | 1,420 | 7.83 | 1985 | Jan. 31 | 552 | 3.13 |
| 1968 | Apr. 05 | 1,030 | 5.90 | 1977 | Mar. 29 | 3,190 | 11.91 | 1990 | Mar. 16 | 1,400 | 6.81c |

## 02411900 TALLAPOOSA RIVER AT TALLAPOOSA, GEORGIA

LOCATION.--Lat 33°46'27", long 85°18'00", Haralson County, at State Highway 100, 2 mi north of Tallapoosa.
DRAINAGE AREA.--236 $mi^2$ (revised).
GAGE.--Crest-stage gage. Datum of gage is 935.06 ft above sea level (levels by the Georgia Department of Transportation), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 8,700 $ft^3/s$, and extended above on basis of slope-area measurement and contracted-opening measurement at 20,000 and 29,500 $ft^3/s$, respectively. Bankfull stage and discharge, 19 ft and 6,000 $ft^3/s$.
HISTORICAL DATA.--Peak stage for November 1948 obtained from floodmarks. The 1977 flood is thought to be the highest since 1919, based on nearby gaging stations. Peak stage for February 1936 based on information from local resident.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1936 | Feb. 02 | 10,400 | 24.10c | 1960 | Apr. 03 | 2,340 | 10.36 | 1970 | Mar. 20 | 10,600 | 23.30 |
| 1949 | Nov. 29 | 20,000 | 27.40c | 1961 | Feb. 21 | 11,500 | 24.70 | 1971 | June 23 | 5,040 | 17.19 |
| 1951 | Mar. -- | 3,080 | 12.50 | 1962 | Feb. 23 | 6,740 | 20.38 | 1972 | Jan. 10 | 7,100 | 20.10 |
| 1952 | Mar. 23 | 8,120 | 22.37 | 1963 | Mar. 13 | 6,980 | 20.76 | 1973 | Mar. 16 | 6,010 | 19.12 |
| 1953 | Jan. 10 | 5,660 | 18.10 | 1964 | Apr. 06 | 6,380 | 19.75 | 1974 | Dec. 31 | 7,820 | 22.02 |
| 1954 | Jan. 16 | 6,440 | 19.93 | 1965 | Mar. 27 | 3,080 | 12.53 | 1975 | Mar. 14 | 5,490 | 18.08 |
| 1955 | Feb. 23 | 3,390 | 13.43 | 1966 | Mar. 03 | 5,800 | 18.60 | 1976 | Mar. 16 | 8,010 | 22.27 |
| 1956 | Mar. 16 | 7,560 | 21.66 | 1967 | Aug. 24 | 9,700 | 23.72 | 1977 | Mar. 31 | 29,500 | 29.30 |
| 1957 | Apr. 05 | 6,860 | 20.60 | 1968 | May 16 | 4,530 | 16.16 | 1982 | Feb. 04 | 13,000 | 25.59c |
| 1958 | Apr. -- | 2,860 | 11.93 | 1969 | May 19 | 3,080 | 12.54 | 1990 | Mar. 17 | 8,200 | 22.72c |
| 1959 | May 31 | 5,300 | 17.50 | | | | | | | | |

## 02411902 MANN CREEK TRIBUTARY NEAR TALLAPOOSA, GEORGIA

LOCATION.--Lat 33°51'16", long 85°17'28", Haralson County, at culvert on State Highway 100, 8.5 mi north of Tallapoosa.
DRAINAGE AREA.--0.12 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 1,120 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by culvert computations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Apr. 03 | 101 | 5.33 | 1982 | Feb. 03 | 36.0 | 3.04 | 1987 | Feb. 28 | 31.0 | 2.83 |
| 1978 | May 08 | 56 | 3.85 | 1983 | Apr. 08 | 41.0 | 3.25 | 1988 | Jan. 20 | 40.0 | 3.21 |
| 1979 | Apr. 13 | 107 | 5.51 | 1984 | Apr. 20 | 38.0 | 3.10 | 1989 | Mar. 06 | 52.0 | 3.74 |
| 1980 | Mar. 13 | 87 | 4.89 | 1985 | Dec. 03 | 41.0 | 3.27 | 1990 | Oct. 01 | 47.0 | 3.52 |
| 1981 | Mar. 30 | 14 | 2.00 | 1986 | Apr. -- | 12.0 | --b | | | | |

## 02413000 LITTLE TALLAPOOSA RIVER AT CARROLLTON, GEORGIA

LOCATION.--Lat 33°35'50", long 85°04'49", Carroll County, on left bank at city water-pumping plant, 200 ft downstream from bridge on U.S. Highway 27 at Carrollton, 1 mi upstream from Central of Georgia Railway bridge, and 3.5 mi upstream from Buck Creek.
DRAINAGE AREA.--95.1 $mi^2$ (revised).
GAGE.--Nonrecording gage. Datum of gage is 971.25 ft above sea level (from the U.S. Coast and Geodetic Survey benchmark), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,200 $ft^3/s$, and above on basis of straight-line extension. Bankfull stage and discharge, 11 ft and 1,800 $ft^3/s$.
REMARKS.--Peak stage for February 1936 obtained from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1936 | Feb. 01 | 5,450 | 18.20c | 1947 | Jan. 20 | 4,080 | 15.90 | 1957 | Apr. 05 | 3,330 | 14.00 |
| 1938 | Apr. 08 | 5,370 | 16.70 | 1948 | Feb. 09 | 1,930 | 11.20 | 1958 | Feb. 07 | 1,980 | 11.30 |
| 1939 | Aug. 18 | 1,680 | 10.60 | 1949 | Nov. 29 | 6,010 | 19.30 | 1959 | June 01 | 3,130 | 13.60 |
| 1940 | July 09 | 3,030 | 13.10 | 1950 | Sept.08 | 1,670 | 10.70 | 1960 | Jan. 31 | 2,330 | 12.00 |
| 1941 | July 12 | 1,060 | 9.28 | 1951 | Mar. 30 | 980 | 9.30 | 1961 | Feb. 25 | 3,580 | 14.50 |
| 1942 | Mar. 22 | 2,670 | 13.10 | 1952 | Dec. 21 | 3,980 | 15.30 | 1962 | Dec. 19 | 3,030 | 13.40 |
| 1943 | Mar. 21 | 3,220 | 14.10 | 1953 | Jan. 09 | 2,830 | 13.00 | 1963 | Apr. 30 | 2,030 | 11.40 |
| 1944 | Apr. 12 | 2,520 | 12.80 | 1954 | Jan. 17 | 1,620 | 10.60 | 1964 | Apr. 07 | 2,430 | 12.20 |
| 1945 | July 14 | 3,380 | 14.70 | 1955 | Feb. 08 | 1,510 | 10.50 | 1965 | Dec. 26 | 1,780 | 10.90 |
| 1946 | Jan. 07 | 3,220 | 14.40 | 1956 | Mar. 16 | 3,630 | 14.60 | | | | |

MOBILE RIVER BASIN

02413200 LITTLE TALLAPOOSA RIVER NEAR BOWDON, GEORGIA

LOCATION.--Lat 33°30'46", long 85°14'03", Carroll County, at State Highway 5, 2.2 mi southeast of Bowdon.
DRAINAGE AREA.--220 $mi^2$ (revised).
GAGE.--Crest-stage gage. Prior to December 10, 1954, at site 200 ft downstream at same datum. Datum of gage is 914.79 ft above sea level (from U.S. Geological Survey benchmark).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 7,160 $ft^3/s$, and above on basis of straight-line extension. Bankfull stage and discharge, 14 ft and 3,000 $ft^3/s$.
HISTORICAL DATA.--Peak of November 1948 is thought to be the highest since 1936, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1949 | Nov. 29 | 9,500 | 22.50 | 1960 | Jan. 31 | 3,160 | 13.90 | 1970 | Mar. 20 | 6,280 | 19.10 |
| 1950 | Sept.09 | 1,440 | 8.88 | 1961 | Feb. 26 | 5,260 | 17.80 | 1971 | Mar. 30 | 4,740 | 17.05 |
| 1951 | June 05 | 1,870 | 10.30 | 1962 | Dec. 20 | 4,580 | 16.84 | 1972 | Jan. 10 | 5,900 | 18.62 |
| 1952 | Dec. 22 | 4,520 | 16.70 | 1963 | Apr. 30 | 5,400 | 18.00 | 1973 | Mar. 16 | 3,190 | 14.18 |
| 1953 | Jan. 10 | 3,280 | 14.20 | 1964 | Apr. 06 | 4,100 | 16.04 | 1974 | Dec. 31 | 5,320 | 17.89 |
| 1954 | Jan. 16 | 1,200 | 8.08 | 1965 | Dec. 26 | 2,260 | 11.86 | 1975 | Mar. 14 | 6,100 | 18.88 |
| 1955 | Mar. -- | 1,680 | 9.72 | 1966 | Feb. 13 | 3,020 | 13.81 | 1976 | Mar. 16 | 7,000 | 20.00 |
| 1956 | Mar. 16 | 5,800 | 18.50 | 1967 | Nov. 10 | 2,940 | 13.60 | 1977 | Mar. 31 | 4,510 | 16.68 |
| 1957 | Apr. 05 | 4,580 | 16.80 | 1968 | May 16 | 5,560 | 18.20 | 1982 | Feb. 04 | 7,300 | 20.00c |
| 1958 | July 20 | 2,800 | 13.00 | 1969 | May 09 | 3,950 | 15.72 | 1990 | Mar. 17 | 7,400 | 20.30c |
| 1959 | May 31 | 4,000 | 15.80 | | | | | | | | |

TENNESSEE RIVER BASIN

03544947 BRIER CREEK NEAR HIAWASSEE, GEORGIA

LOCATION.--Lat 34°50'05", long 83°42'34", Towns County, on left bank 0.3 mi upstream from Corbin Creek, 8.2 mi southeast of Hiawassee.
DRAINAGE AREA.--1.67 $mi^2$ (revised).
GAGE.--Water-stage recorder. Datum of gage is 2,141.43 ft above sea level (levels by Global Positioning System).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 40 $ft^3/s$, and above on basis of slope-area measurement at 413 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1984 | June 21 | 64.0 | 2.72 | 1987 | Nov. 26 | 185 | 3.19 | 1989 | June 20 | 72.0 | 2.77 |
| 1985 | Aug. 17 | 35.0 | 2.40 | 1988 | Jan. 20 | 86.0 | 2.84 | 1990 | Mar. 17 | 414 | 3.64 |
| 1986 | Nov. 01 | 75.0 | 2.77 | | | | | | | | |

## 03545000 HIWASSEE RIVER AT PRESLEY, GEORGIA

LOCATION.--Lat 34°54'17", long 83°43'01", Towns County, on left bank 0.1 mi downstream from Cynth Creek, 0.5 mi southeast of Presley, 1.4 mi upstream from Hightower Creek, and at mile 133.9.
DRAINAGE AREA.--45.5 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 1,932.69 ft above sea level (levels from the Tennessee Valley Authority), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 4,160 $ft^3/s$, and above on basis of slope-area and contracted-opening measurements at 3,660 and 5,700 $ft^3/s$, respectively. Bankfull stage and discharge, 7 ft and 1,800 $ft^3/s$.
REMARKS.--Peaks after 1983 furnished by the Tennessee Valley Authority.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1942 | Feb. 16 | 1,330 | 6.85 | 1959 | May 31 | 3,020 | 10.82 | 1975 | Mar. 13 | 1,560 | 6.42 |
| 1943 | Dec. 29 | 2,600 | 10.17 | 1960 | Apr. 03 | 978 | 5.36 | 1976 | May 15 | 3,360 | 10.91 |
| 1944 | Mar. 29 | 1,170 | 6.30 | 1961 | Feb. 25 | 3,970 | 12.41 | 1977 | Mar. 12 | 2,890 | 9.97 |
| 1945 | Sept. 14 | 750 | 5.42 | 1962 | Dec. 12 | 2,700 | 10.23 | 1978 | Nov. 06 | 2,620 | 8.27 |
| 1946 | Feb. 10 | 2,040 | 9.70 | 1963 | Mar. 12 | 2,110 | 8.84 | 1979 | Mar. 04 | 4,620 | 11.52 |
| 1947 | Jan. 20 | 1,510 | 7.85 | 1964 | Mar. 26 | 1,540 | 7.19 | 1980 | Mar. 21 | 1,800 | 6.69 |
| 1948 | Feb. 14 | 1,020 | 6.22 | 1965 | Oct. 04 | 4,110 | 12.63 | 1981 | May 27 | 1,190 | 5.35 |
| 1949 | June 16 | 3,660 | 12.80 | 1966 | Feb. 13 | 4,620 | 13.38 | 1982 | Feb. 03 | 1,620 | 6.40 |
| 1950 | Mar. 13 | 2,540 | 10.44 | 1967 | Aug. 23 | 3,760 | 12.10 | 1983 | Feb. 02 | 3,990 | 10.55 |
| 1951 | Dec. 07 | 1,310 | 7.10 | 1968 | Mar. 12 | 2,380 | 9.53 | 1984 | Mar. 20 | 1,320 | 5.68 |
| 1952 | Mar. 11 | 5,700 | 15.24 | 1969 | Jan. 20 | 1,480 | 5.94 | 1985 | Feb. 01 | 420 | 3.20 |
| 1953 | Feb. 21 | 2,720 | 10.74 | 1970 | Dec. 30 | 1,630 | 6.36 | 1986 | Nov. 01 | 864 | 4.47 |
| 1954 | Jan. 16 | 1,960 | 9.00 | 1971 | July 30 | 1,090 | 4.69 | 1987 | Nov. 26 | 1,550 | 6.09 |
| 1955 | Feb. 06 | 1,220 | 6.78 | 1972 | Dec. 07 | 1,650 | 6.42 | 1988 | Jan. 20 | 886 | 4.53 |
| 1956 | Apr. 15 | 1,900 | 8.82 | 1973 | May 28 | 5,080 | 13.96 | 1989 | June 20 | 1,010 | 4.86 |
| 1957 | Apr. 05 | 2,040 | 8.64 | 1974 | Dec. 26 | 2,390 | 8.72 | 1990 | Feb. 16 | 2,100 | 9.78 |
| 1958 | Dec. 20 | 1,310 | 6.47 | | | | | | | | |

## 03550500 NOTTELY RIVER NEAR BLAIRSVILLE, GEORGIA

LOCATION.--Lat 34°50'28", long 83°56'10", Union County, on left bank 250 ft upstream from county road bridge, 0.1 mi downstream from Arkaqua Creek, 0.2 mi upstream from Akins Creek, 2.7 mi southeast of Blairsville, and at mile 44.3.
DRAINAGE AREA.--74.8 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 1,812.47 ft above sea level (levels from the Tennessee Valley Authority), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 3,400 $ft^3/s$, and above on basis of contracted-opening measurements at 4,950, 8,500, and 12,900 $ft^3/s$. Bankfull stage and discharge, 11 ft and 3,900 $ft^3/s$.
HISTORICAL DATA.--Peak of August 1967 was the highest since 1907, based on nearby gaging stations.
REMARKS.--Peaks after 1983 furnished by the Tennessee Valley Authority.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1943 | Dec. 29 | 2,860 | 8.85 | 1959 | Jan. 21 | 3,850 | 10.66 | 1975 | Mar. 13 | 2,200 | 7.18 |
| 1944 | Mar. 29 | 1,840 | 6.10 | 1960 | Feb. 10 | 2,120 | 7.15 | 1976 | May 15 | 6,080 | 14.26 |
| 1945 | Sept.16 | 1,040 | 4.82 | 1961 | Feb. 25 | 4,950 | 13.29 | 1977 | Mar. 30 | 5,260 | 12.93 |
| 1946 | Feb. 10 | 4,160 | 11.18 | 1962 | Dec. 12 | 4,300 | 12.05 | 1978 | Jan. 25 | 3,300 | 9.00 |
| 1947 | Jan. 20 | 3,100 | 9.17 | 1963 | Apr. 30 | 3,300 | 9.88 | 1979 | Mar. 04 | 6,770 | 15.13 |
| 1948 | Feb. 12 | 1,980 | 6.88 | 1964 | Mar. 26 | 3,100 | 9.43 | 1980 | Mar. 21 | 3,740 | 9.89 |
| 1949 | Jan. 05 | 2,900 | 8.86 | 1965 | Oct. 04 | 7,950 | 16.28 | 1981 | May 27 | 3,210 | 8.82 |
| 1950 | Mar. 13 | 4,320 | 11.43 | 1966 | Feb. 13 | 5,640 | 14.22 | 1982 | Feb. 03 | 3,500 | 9.40 |
| 1951 | Mar. 29 | 2,140 | 7.27 | 1967 | Aug. 23 | 12,900 | 21.04 | 1983 | Feb. 02 | 4,460 | 11.33 |
| 1952 | Mar. 11 | 8,500 | 16.78 | 1968 | Mar. 12 | 3,060 | 9.10 | 1984 | Mar. 20 | 2,120 | 6.65 |
| 1953 | Feb. 21 | 3,460 | 10.00 | 1969 | June 15 | 3,890 | 10.97 | 1985 | Feb. 01 | 1,020 | 4.60 |
| 1954 | Jan. 16 | 4,080 | 11.05 | 1970 | Dec. 30 | 2,940 | 8.83 | 1986 | Mar. 13 | 1,230 | 4.95 |
| 1955 | May 22 | 4,430 | 11.59 | 1971 | July 31 | 2,860 | 8.64 | 1987 | Nov. 26 | 2,300 | 6.92 |
| 1956 | Apr. 15 | 4,530 | 11.75 | 1972 | Dec. 07 | 2,180 | 7.14 | 1988 | Jan. 20 | 2,100 | 6.63 |
| 1957 | Apr. 05 | 3,630 | 10.30 | 1973 | May 28 | 7,230 | 16.04 | 1989 | June 20 | 1,940 | 6.30 |
| 1958 | Dec. 20 | 2,310 | 7.66 | 1974 | Dec. 05 | 3,780 | 10.71 | 1990 | Feb. 16 | 4,600 | 11.84 |

## 03553500 NOTTELY RIVER NEAR IVYLOG, GEORGIA

LOCATION.--Lat 34°57'55", long 84°05'25", Union County, on right bank 1,600 ft downstream from Rhodes Branch, 0.6 mi downstream from Nottely Dam, 0.6 mi upstream from Dooley Creek, 1.8 mi northwest of Ivylog, and at mile 20.4.
DRAINAGE AREA.--215 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 1,599.21 ft above sea level (levels from the Tennessee Valley Authority), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 2,000 $ft^3/s$, and extended above on the basis of flow over dam computation at 5,240 and 8,110 $ft^3/s$. Bankfull stage and discharge, 10 ft and 6,400 $ft^3/s$.
REMARKS.--Peaks discharges are regulated by Nottely Lake (maximum flood-control storage, 162,000 acre-ft) since January 1942.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1942 | Sept.28 | 2,420 | 5.79 | 1954 | May 05 | 2,290 | 5.58 | 1965 | July 24 | 1,960 | 5.11 |
| 1943 | Oct. 01 | 2,270 | 5.56 | 1955 | May 23 | 3,130 | 6.54 | 1966 | Dec. 21 | 1,840 | 4.94 |
| 1944 | May 25 | 2,830 | 6.34 | 1956 | Aug. 14 | 1,800 | 4.91 | 1967 | Oct. 13 | 1,820 | 4.95 |
| 1945 | Sept.25 | 2,370 | 5.56 | 1957 | Mar. 29 | 2,070 | 5.28 | 1968 | Dec. 17 | 1,960 | 5.12 |
| 1946 | Feb. 11 | 2,580 | 5.86 | 1958 | Jan. 03 | 1,990 | 5.20 | 1969 | Jan. 09 | 2,490 | 5.79 |
| 1947 | Apr. 18 | 1,810 | 4.98 | 1959 | Mar. 25 | 1,830 | 5.00 | 1970 | July 30 | 2,000 | 5.18 |
| 1948 | June 03 | 2,490 | 5.82 | 1960 | Feb. 04 | 1,870 | 5.05 | 1971 | Mar. 24 | 1,820 | 4.95 |
| 1949 | Sept.12 | 2,600 | 5.95 | 1961 | Sept.27 | 1,840 | 4.94 | 1972 | Jan. 12 | 1,990 | 5.16 |
| 1950 | Feb. 14 | 2,490 | 5.82 | 1962 | Dec. 24 | 1,960 | 5.11 | 1973 | May 28 | 8,110 | 11.63 |
| 1951 | Jan. 08 | 2,290 | 5.58 | 1963 | Feb. 22 | 1,850 | 4.96 | 1974 | Nov. 17 | 2,000 | 5.17 |
| 1952 | May 12 | 1,530 | 4.57 | 1964 | May 03 | 3,240 | 6.63 | 1975 | Feb. 25 | 1,960 | 5.13 |
| 1953 | Aug. 19 | 1,800 | 4.95 | | | | | | | | |

## 03558000 TOCCOA RIVER NEAR DIAL, GEORGIA

LOCATION.--Lat 34°47'24", long 84°14'24", Fannin County, on right bank 1.4 mi upstream from Shallowford Bridge, 1.8 mi upstream from Stanley Creek, 2.5 mi northwest of Dial, and at mile 69.1.

DRAINAGE AREA.--177 $mi^2$.

GAGE.--Water-stage recorder. Datum of gage is 1,782.08 ft above sea level (levels from the Tennessee Valley Authority), supplementary adjustment of 1936. Prior to Oct. 1, 1927, water-stage recorder; and Oct. 1, 1927 to Nov. 16, 1928, nonrecording gage at same site and datum.

STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,660 $ft^3/s$, and extended above on the basis of slope-area and contracted-opening mesurements at 10,800 and 14,700 $ft^3/s$, respectively. Bankfull stage and discharge, 8 ft and 6,000 $ft^3/s$.

HISTORICAL DATA.--Peak stage of 1907 was highest since 1840, based on information from the Tennessee Valley Authority.

REMARKS.--Peaks discharges listed for 1913-15 and 1917-19 are maximum daily.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1907 | Nov. -- | 28,000 | 18.50c | 1939 | Feb. 03 | 3,240 | 5.60 | 1965 | Oct. 04 | 10,100 | 10.78 |
| 1913 | Mar. 14 | 5,140 | 6.60 | 1940 | Aug. 13 | 2,940 | 5.34 | 1966 | Feb. 13 | 6,830 | 8.63 |
| 1914 | Apr. 14 | 1,260 | 3.05 | 1941 | July 05 | 4,330 | 6.59 | 1967 | Aug. 23 | 14,700 | 13.73 |
| 1915 | Dec. 25 | 2,680 | 4.60 | 1942 | Feb. 17 | 3,880 | 6.22 | 1968 | Mar. 12 | 2,590 | 5.10 |
| 1916 | July 08 | 9,200 | 10.00 | 1943 | Dec. 29 | 4,810 | 6.97 | 1969 | Feb. 02 | 3,720 | 6.22 |
| 1917 | Mar. 04 | 4,700 | 6.47 | 1944 | Feb. 27 | 3,040 | 5.43 | 1970 | Dec. 31 | 3,230 | 5.76 |
| 1918 | Jan. 28 | 1,880 | 3.85 | 1945 | Sept.16 | 1,610 | 3.80 | 1971 | July 31 | 2,440 | 4.93 |
| 1919 | Dec. 22 | 6,080 | 7.60 | 1946 | Feb. 10 | 7,490 | 9.13 | 1972 | Dec. 07 | 3,290 | 5.82 |
| 1920 | Apr. 02 | 5,560 | 7.20 | 1947 | Jan. 20 | 6,160 | 8.08 | 1973 | May 28 | 8,720 | 9.95 |
| 1921 | Feb. 10 | 8,220 | 9.25 | 1948 | Feb. 12 | 4,020 | 6.33 | 1974 | Dec. 31 | 4,760 | 7.07 |
| 1922 | Jan. 21 | 6,600 | 8.00 | 1949 | Aug. 17 | 6,230 | 8.13 | 1975 | Mar. 14 | 3,110 | 5.54 |
| 1923 | Dec. 17 | 3,160 | 5.50 | 1950 | Mar. 13 | 6,380 | 8.25 | 1976 | May 15 | 7,100 | 8.82 |
| 1924 | Mar. 05 | 3,660 | 6.00 | 1951 | Mar. 29 | 7,410 | 9.04 | 1977 | Mar. 30 | 8,400 | 9.73 |
| 1925 | Dec. 31 | 2,450 | 4.45 | 1952 | Mar. 11 | 10,800 | 11.20 | 1978 | Jan. 26 | 3,970 | 6.42 |
| 1926 | Jan. 18 | 2,400 | 4.42 | 1953 | Feb. 21 | 4,850 | 7.03 | 1979 | Mar. 04 | 10,400 | 11.19 |
| 1927 | Dec. 28 | 3,060 | 5.40 | 1954 | Jan. 16 | 7,840 | 9.35 | 1980 | Mar. 21 | 5,960 | 8.05 |
| 1928 | Mar. 30 | 1,980 | 4.05 | 1955 | Mar. 22 | 5,170 | 7.30 | 1981 | May 27 | 2,980 | 5.38 |
| 1929 | Sept.25 | 4,810 | 7.03 | 1956 | Apr. 16 | 4,650 | 6.87 | 1982 | Feb. 03 | 5,630 | 7.73 |
| 1930 | Nov. 15 | 3,260 | 5.60 | 1957 | Apr. 05 | 5,490 | 7.56 | 1983 | Feb. 02 | 4,560 | 6.93 |
| 1931 | Apr. 04 | 2,400 | 4.57 | 1958 | Dec. 20 | 3,190 | 5.55 | 1984 | May 08 | 4,050 | 6.46 |
| 1932 | Dec. 14 | 6,060 | 8.05 | 1959 | Jan. 21 | 3,530 | 5.88 | 1985 | Feb. 01 | 2,260 | 4.56 |
| 1933 | Dec. 28 | 6,190 | 8.10 | 1960 | July 27 | 3,100 | 5.46 | 1986 | Mar. 13 | 1,230 | 3.30 |
| 1934 | Mar. 03 | 4,810 | 7.05 | 1961 | Feb. 25 | 7,360 | 9.00 | 1987 | Nov. 26 | 3,770 | 6.20 |
| 1935 | Mar. 12 | 1,900 | 4.05 | 1962 | Dec. 12 | 7,270 | 8.94 | 1988 | Jan. 20 | 4,080 | 6.49 |
| 1936 | Apr. 02 | 8,140 | 9.60 | 1963 | Apr. 30 | 5,810 | 7.88 | 1989 | June 20 | 5,800 | 7.96 |
| 1937 | Jan. 03 | 3,340 | 5.66 | 1964 | Mar. 26 | 6,370 | 8.30 | 1990 | Feb. 16 | 8,790 | 10.13 |
| 1938 | Apr. 08 | 6,450 | 8.28 | | | | | | | | |

## 03559000 TOCCOA RIVER NEAR BLUE RIDGE, GEORGIA

LOCATION.--Lat 34°53'14", long 84°17'07", Fannin County, on left bank 0.4 mi downstream from Blue Ridge Dam of Tennessee Valley Authority, 2.2 mi west of Morganton, 2.5 mi northeast of Blue Ridge, and at mile 52.5.
DRAINAGE AREA.--233 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 1,538.77 ft above sea level (levels from the Tennessee Valley Authority). Nonrecording gage at site 1.1 mi upstream prior to 1914 and at site 150 ft downstream from previous gage, 1914 to April 17, 1926, at datum 5.60 ft higher; at site 800 ft upstream from present gage at datum 0.44 ft higher April 18, 1926, to April 1, 1931.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,000 $ft^3/s$, and extended above on the basis of flow over dam computation at 10,300 $ft^3/s$. Bankfull stage and discharge, 10 ft and 5,800 $ft^3/s$.
HISTORICAL DATA.--Peak of 1907 was highest since 1840, based on information from the Tennessee Valley Authority.
REMARKS.--Peaks discharges are regulated by storage in Blue Ridge Lake (maximum flood-control storage, 184,000 acre-ft) since Dec. 6, 1930. Discharge listed for 1901-02, 1915, 1918-20 are maximum daily. Peak discharge for 1907 is estimated.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1901 | Aug. 22 | 15,500 | 14.00 | 1933 | Dec. 28 | 3,400 | 7.40 | 1954 | June 04 | 1,900 | 5.14 |
| 1902 | Dec. 14 | 12,300 | 12.00 | 1934 | June 26 | 1,810 | 5.14 | 1955 | July 20 | 1,870 | 5.10 |
| 1907 | Nov. 18 | 34,000 | --c | 1935 | Oct. 22 | 1,600 | 4.72 | 1956 | June 25 | 1,970 | 5.25 |
| 1914 | Apr. 14 | 2,330 | 5.40 | 1936 | Apr. 06 | 3,900 | 8.04 | 1957 | Apr. 24 | 2,010 | 5.32 |
| 1915 | Dec. 04 | 2,990 | 6.22 | 1937 | Apr. 29 | 2,100 | 5.50 | 1958 | May 12 | 1,900 | 5.14 |
| 1916 | July 09 | 13,900 | 13.00 | 1938 | July 23 | 4,880 | 9.31 | 1959 | Oct. 03 | 1,730 | 4.89 |
| 1917 | Mar. 04 | 9,410 | 10.20 | 1939 | Mar. 04 | 1,700 | 5.04 | 1960 | May 26 | 1,900 | 5.14 |
| 1918 | Jan. 28 | 2,220 | 5.30 | 1940 | Sept.26 | 1,820 | 5.16 | 1961 | Apr. 18 | 2,170 | 5.56 |
| 1919 | Dec. 22 | 6,370 | 8.30 | 1941 | Oct. 12 | 1,760 | 5.09 | 1962 | Apr. 11 | 2,220 | 5.64 |
| 1920 | Apr. 02 | 12,100 | 11.90 | 1942 | Sept.01 | 1,940 | 5.40 | 1963 | July 20 | 2,030 | 5.35 |
| 1921 | Feb. 10 | 11,800 | 11.70 | 1943 | Jan. 18 | 2,140 | 5.69 | 1964 | Mar. 26 | 3,740 | 7.77 |
| 1922 | Jan. 21 | 9,730 | 10.40 | 1944 | May 25 | 2,020 | 5.37 | 1965 | Oct. 12 | 2,780 | 6.55 |
| 1923 | Dec. 17 | 6,850 | 8.60 | 1945 | Oct. 02 | 1,800 | 5.07 | 1966 | May 28 | 2,000 | 5.42 |
| 1924 | Mar. 05 | 6,370 | 8.30 | 1946 | Feb. 12 | 5,160 | 9.41 | 1967 | Aug. 27 | 3,610 | 7.61 |
| 1925 | Dec. 31 | 1,930 | 5.00 | 1947 | June 17 | 1,840 | 5.12 | 1968 | Dec. 18 | 1,960 | 5.36 |
| 1926 | Jan. 18 | 3,070 | 6.20 | 1948 | Apr. 20 | 1,830 | 5.04 | 1969 | June 27 | 1,810 | 5.14 |
| 1927 | Dec. 28 | 4,570 | 8.46 | 1949 | Sept.06 | 2,030 | 5.35 | 1970 | May 24 | 1,810 | 5.12 |
| 1928 | Mar. 30 | 4,380 | 8.81 | 1950 | Mar. 13 | 8,140 | 11.40 | 1971 | Aug. 02 | 1,960 | 5.35 |
| 1929 | May 07 | 5,060 | 9.71 | 1951 | June 13 | 2,030 | 5.34 | 1972 | Apr. 11 | 1,970 | 5.37 |
| 1930 | Nov. 15 | 3,330 | 7.40 | 1952 | Mar. 23 | 4,520 | 8.65 | 1973 | May 28 | 10,300 | 13.61 |
| 1931 | June 18 | 2,080 | 5.40 | 1953 | May 25 | 1,970 | 5.29 | 1974 | Apr. 04 | 1,970 | 5.37 |
| 1932 | July 05 | 2,600 | 6.30 | | | | | | | | |

## 03559500 OCOEE RIVER AT COPPER HILL, TENNESSEE

LOCATION.--Lat 34°59'29", long 84°22'36", Polk County, on right bank 0.2 mi upstream from Fightingtown Creek, and 4 mi downstream from Copper Hill, Tenn.
DRAINAGE AREA.--352 $mi^2$.
GAGE.--Nonrecording gage prior to Oct. 31, 1942; recording thereafter. At site 0.4 mi upstream at datum 0.72 ft higher Mar. 21, 1903, to Dec. 31, 1913. At site one-eighth mi downstream at datum 0.58 ft lower Nov. 12, 1914, to Aug. 27, 1925. Datum of gage is 1,445.28 ft above sea level.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 8,000 $ft^3/s$. The peak discharge for the 1990 flood is based on backwater studies.
HISTORICAL DATA.--Flood of Nov. 19, 1906, is highest since about 1840, based on reports by the Tennessee Valley Authority.
REMARKS.--Peaks discharges are regulated by storage in Blue Ridge Lake (maximum flood-control storage, 184,000 acre-ft) since Dec. 6, 1930. Peak discharge for 1886, 1898-99, 1936, and 1938 furnished by the Tennessee Valley Authority; adjusted to the present site and datum. Peak discharges for 1904-05 and 1912-14 are maximum daily. Peak discharges for 1907 and 1909 are estimated. Peak discharge for 1990 furnished by the Tennessee Valley Authority.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | Mar. -- | 18,000 | 12.00c | 1924 | Mar. 05 | -- | 5.80 | 1955 | Feb. 06 | 4,900 | 5.61 |
| 1898 | Sept.00 | 30,000 | 16.00c | 1925 | Dec. 08 | -- | 4.20 | 1956 | Apr. 16 | 6,080 | 6.19 |
| 1899 | Mar. 19 | 10,000 | 9.00c | 1928 | Mar. 30 | 8,500 | 8.00c | 1957 | Feb. 01 | 5,480 | 6.29 |
| 1904 | Mar. 23 | 2,330 | 3.60 | 1936 | Feb. 04 | 9,000 | 8.50c | 1958 | Apr. 29 | 6,350 | 6.49 |
| 1905 | Jan. 12 | 5,710 | 6.40 | 1938 | Mar. 23 | 10,000 | 9.00c | 1959 | Aug. 19 | 3,260 | 4.63 |
| 1906 | Jan. 23 | 6,580 | 6.90 | 1943 | Jan. 18 | 4,570 | 5.54 | 1960 | July 10 | 3,460 | 4.73 |
| 1907 | Nov. 19 | 35,000 | 18.50 | 1944 | Mar. 29 | 2,720 | 4.46 | 1961 | Feb. 25 | 4,260 | 5.35 |
| 1908 | Feb. 15 | 6,950 | 7.10 | 1945 | Feb. 17 | 2,580 | 4.20 | 1962 | Dec. 18 | 5,380 | 6.16 |
| 1909 | Mar. 13 | 15,000 | 12.50 | 1946 | Feb. 10 | 12,100 | 9.00 | 1963 | Mar. 12 | 7,880 | 7.44 |
| 1910 | May 21 | 3,510 | 4.80 | 1947 | Jan. 20 | 6,620 | 7.03 | 1964 | Mar. 26 | 6,250 | 6.64 |
| 1912 | Mar. 29 | 8,100 | 7.70 | 1948 | Feb. 12 | 2,810 | 4.40 | 1965 | Oct. 04 | 11,900 | 9.42 |
| 1913 | Mar. 14 | 8,700 | 8.00 | 1949 | Nov. 28 | 7,200 | 7.23 | 1966 | Mar. 04 | 4,120 | 5.06 |
| 1916 | July 10 | 12,500 | 10.00 | 1950 | Mar. 13 | 10,800 | 7.94 | 1967 | Aug. 27 | 5,000 | 5.50 |
| 1917 | Mar. 04 | 11,500 | 9.50 | 1951 | Mar. 29 | 10,500 | 9.83 | 1968 | Dec. 18 | 4,620 | 5.31 |
| 1920 | Apr. 02 | 15,500 | 11.10 | 1952 | Mar. 23 | 6,120 | 6.05 | 1969 | Feb. 02 | 4,380 | 5.19 |
| 1921 | Dec. 14 | -- | 6.58 | 1953 | July 22 | 2,420 | 3.97 | 1970 | June 05 | 4,400 | 5.20 |
| 1922 | Jan. 21 | -- | 7.90 | 1954 | Jan. 16 | 6,100 | 6.36 | 1990 | Feb. 16 | 33,500 | 17.75c |
| 1923 | Dec. 17 | -- | 6.00 | | | | | | | | |

## 03560000 FIGHTINGTOWN CREEK AT MCCAYSVILLE, GEORGIA

LOCATION.--Lat 34°58'53", long 84°23'12", Fannin County, on right bank 0.2 mi upstream from highway bridge, 0.9 mi upstream from mouth, and 0.9 mi west of McCaysville.
DRAINAGE AREA.--70.9 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 1,449.75 ft above sea level (levels from the Tennessee Valley Authority), supplementary adjustment of 1936.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 5,400 $ft^3/s$, and extended above on the basis of slope-area measurement at 12,200 $ft^3/s$. Bankfull stage and discharge, 9 ft and 3,200 $ft^3/s$.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1943 | Dec. 29 | 1,590 | 6.24 | 1954 | Jan. 16 | 3,380 | 9.25 | 1965 | Oct. 04 | 3,490 | 9.42 |
| 1944 | Mar. 29 | 1,890 | 7.04 | 1955 | Feb. 05 | 2,600 | 8.12 | 1966 | Feb. 13 | 1,950 | 6.48 |
| 1945 | Feb. 13 | 1,630 | 6.28 | 1956 | Apr. 16 | 3,150 | 8.93 | 1967 | July 07 | 1,500 | 5.48 |
| 1946 | Feb. 10 | 5,180 | 11.25 | 1957 | Feb. 01 | 3,800 | 9.85 | 1968 | Nov. 01 | 1,770 | 6.08 |
| 1947 | Jan. 20 | 5,280 | 11.32 | 1958 | Apr. 28 | 2,690 | 8.27 | 1969 | Feb. 02 | 2,340 | 7.36 |
| 1948 | Feb. 12 | 1,690 | 6.28 | 1959 | Jan. 21 | 1,520 | 5.72 | 1970 | Dec. 31 | 2,320 | 7.31 |
| 1949 | Nov. 28 | 5,140 | 11.17 | 1960 | Nov. 28 | 1,330 | 5.18 | 1971 | July 30 | 1,380 | 5.22 |
| 1950 | Oct. 30 | 2,900 | 8.56 | 1961 | June 21 | 2,260 | 7.17 | 1972 | May 14 | 1,810 | 6.16 |
| 1951 | Mar. 29 | 5,420 | 11.92 | 1962 | Dec. 12 | 3,000 | 8.68 | 1973 | May 28 | 1,680 | 5.90 |
| 1952 | Mar. 11 | 2,380 | 7.75 | 1963 | Mar. 12 | 4,090 | 10.26 | 1990 | Feb. 16 | 12,200 | 17.30c |
| 1953 | Feb. 21 | 1,940 | 6.86 | 1964 | Mar. 15 | 2,580 | 7.90 | | | | |

## 03566660 SUGAR CREEK NEAR RINGGOLD, GEORGIA

LOCATION.--Lat 34°58'14", long 85°01'29", Catoosa County, at culvert on Kieth Road, 6 mi northeast of Ringgold.
DRAINAGE AREA.--4.44 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 840 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 626 $ft^3/s$, and extended above on basis of culvert and flow over the road computations to 2,620 $ft^3/s$.
HISTORICAL DATA.--Peak of March 1973 is thought to be the highest since 1951, based on records at nearby stations.
REMARKS.--Flood stage for 1990 from floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | Mar. 04 | 410 | 4.42 | 1970 | Apr. 02 | 593 | 5.10 | 1973 | Mar. 16 | 2,620 | 7.77 |
| 1967 | July 07 | 305 | 3.89 | 1971 | Feb. 05 | 523 | 4.86 | 1974 | Dec. 31 | 520 | 4.85 |
| 1968 | Dec. 18 | 674 | 5.36 | 1972 | May 13 | 578 | 5.05 | 1990 | Feb. 16 | 605 | 5.14c |
| 1969 | Feb. 02 | 484 | 4.72 | | | | | | | | |

## 03566685 LITTLE CHICKAMAUGA CREEK NEAR RINGOLD, GEORGIA

LOCATION.--Lat 34°50'32", long 85°08'28", Catoosa County, at State Highway 151, 5.2 mi south of Ringgold.
DRAINAGE AREA.--35.5 $mi^2$.
GAGE.--Crest-stage gage prior to Dec. 14, 1967; flood-stage recorder thereafter. Datum of gage is about 775 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 7,000 $ft^3/s$. Bankfull stage and discharge, 7 ft and 1,300 $ft^3/s$.
HISTORICAL DATA.--Peak of March 1973 is thought to be the highest since 1867, based on records from the Tennessee Valley Authority for this area.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 23 | 4,200 | 9.09 | 1968 | Dec. 18 | 1,630 | 7.46 | 1972 | May 14 | 1,550 | 7.41 |
| 1965 | Mar. 26 | 2,940 | 8.40 | 1969 | Feb. 02 | 1,800 | 7.56 | 1973 | Mar. 16 | 7,120 | 10.19 |
| 1966 | Mar. 04 | 3,120 | 8.52 | 1970 | Apr. 02 | 800 | 6.65 | 1974 | Nov. 28 | 3,180 | 8.56 |
| 1967 | July 07 | 1,300 | 7.24 | 1971 | Feb. 05 | 725 | 6.51 | 1975 | Mar. 14 | 978 | 6.91 |

## 03566687 LITTLE CHICKAMAUGA CREEK TRIBUTARY NEAR RINGOLD, GEORGIA

LOCATION.--Lat 34°51'36", long 85°08'40", Catoosa County, at culvert on State Highway 151, 4.2 mi south of Ringgold.
DRAINAGE AREA.--3.6 $mi^2$.
GAGE.--Flood-stage/rainfall recorder. Datum of gage is about 790 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 590 $ft^3/s$, and extended above on basis of culvert computations.
HISTORICAL DATA.--Peak of March 1973 is thought to be the highest since 1951, based on records at nearby stations.
REMARKS.--Flood stage of 1990 based on floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1965 | Mar. 26 | 487 | 3.82 | 1969 | Feb. 02 | 353 | 3.41 | 1973 | Mar. 16 | 1,970 | 9.13 |
| 1966 | Mar. 03 | 195 | 2.88 | 1970 | Apr. 02 | 242 | 3.04 | 1974 | Dec. 31 | 293 | 3.21 |
| 1967 | July 06 | 221 | 2.97 | 1971 | June 29 | 592 | 4.12 | 1990 | Feb. 16 | 886 | 4.96c |
| 1968 | Dec. 22 | 281 | 3.17 | 1972 | May 13 | 398 | 3.56 | | | | |

## 03566700 SOUTH CHICKAMAUGA CREEK AT RINGGOLD, GEORGIA

LOCATION.--Lat 34°55'07", long 85°07'32", Catoosa County, at State Highway 3, at Ringgold.
DRAINAGE AREA.--169 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is 739.50 ft above sea level (levels by the Georgia Department of Transportation).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 10,500 $ft^3/s$, and extended above on basis of contracted-opening measurement at 33,400 $ft^3/s$. Bankfull stage and discharge, 16 ft and 8,000 $ft^3/s$.
HISTORICAL DATA.--Peak of March 1973 is thought to be the highest since 1867, based on records furnished by the Tennessee Valley Authority.
REMARKS.--Flood stage of 1990 based on floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1949 | Nov. 29 | 18,300 | 24.50 | 1956 | Feb. 03 | 3,680 | 10.80 | 1962 | Dec. 18 | 11,200 | 19.20 |
| 1950 | Sept.07 | 13,000 | 20.70 | 1957 | Feb. 01 | 8,400 | 16.40 | 1963 | Mar. 06 | 9,000 | 17.00 |
| 1951 | Mar. 29 | 19,400 | 25.30 | 1958 | Nov. 18 | 8,000 | 16.00 | 1964 | Mar. 15 | 10,900 | 18.93 |
| 1952 | Mar. 10 | 10,500 | 18.50 | 1959 | Apr. 19 | 5,680 | 13.60 | 1965 | Mar. 26 | 10,800 | 18.83 |
| 1953 | Feb. 24 | 6,000 | 14.00 | 1960 | Mar. 03 | 6,600 | 14.60 | 1973 | Mar. 17 | 33,400 | 27.39 |
| 1954 | Jan. 16 | 10,000 | 18.00 | 1961 | Feb. 22 | 9,200 | 17.20 | 1990 | Feb. 16 | 19,500 | 22.80c |
| 1955 | May 16 | 5,060 | 12.80 | | | | | | | | |

## 03567200 WEST CHICKAMAUGA CREEK NEAR KENSINGTON, GEORGIA

LOCATION.--Lat 34°48'10", long 85°20'52", Walker County, at State Highway 143, 2.5 mi northeast of Kensington.
DRAINAGE AREA.--73 $mi^2$.
GAGE.--Crest-stage gage. Datum of gage is about 760 ft above sea level (from topographic map).
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 9,420 $ft^3/s$, and extended above on basis of straight-line extension. Bankfull stage and disccharge, 15 ft and 5,000 $ft^3/s$.
REMARKS.--Flood stage of 1990 based on floodmarks.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1950 | Sept.07 | 6,480 | 15.70 | 1960 | Mar. 03 | 2,150 | 11.50 | 1969 | Feb. 02 | 4,570 | 14.52 |
| 1951 | Mar. 29 | 12,000 | 18.50 | 1961 | Feb. 23 | 4,220 | 14.20 | 1970 | Dec. 31 | 2,150 | 11.52 |
| 1952 | Mar. 11 | 8,070 | 16.60 | 1962 | Dec. 12 | 7,600 | 16.40 | 1971 | Feb. 05 | 2,370 | 12.32 |
| 1953 | Feb. 21 | 3,260 | 13.20 | 1963 | Apr. 30 | 8,200 | 16.70 | 1972 | May 14 | 3,630 | 13.93 |
| 1954 | Jan. 16 | 5,990 | 15.40 | 1964 | Mar. 15 | 8,180 | 16.69 | 1973 | Mar. 16 | 9,900 | 17.50 |
| 1955 | Feb. 06 | 3,260 | 13.20 | 1965 | Mar. 26 | 7,540 | 16.37 | 1974 | Nov. 28 | 2,970 | 13.18 |
| 1956 | Feb. 20 | 2,300 | 11.80 | 1966 | Mar. 03 | 4,380 | 14.69 | 1975 | Mar. 14 | 3,520 | 13.82 |
| 1957 | Feb. 26 | 4,450 | 14.40 | 1967 | May 12 | 2,150 | 11.50 | 1976 | May 15 | 2,080 | 11.83 |
| 1958 | Nov. 18 | 4,220 | 14.20 | 1968 | Dec. 22 | 2,350 | 11.78 | 1990 | Feb. 16 | 14,000 | 19.34c |
| 1959 | Apr. 20 | 2,710 | 12.50 | | | | | | | | |

## 03567500 SOUTH CHICKAMAUGA CREEK NEAR CHICKAMAUGA, TENNESSEE

LOCATION.--Lat 35°00'51", long 85°12'35", Hamilton County, Tenn., on left bank 0.1 mi upstream from bridge on U.S. Highway 11, 1.5 mi south of Chickamauga, 6.0 mi east of the city hall in Chattanooga, and at mile 12.2.
DRAINAGE AREA.--428 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 644.12 ft above sea level. Prior to Oct. 7, 1930, nonrecording gage and Oct. 7, 1930 to Oct. 29, 1980, water-stage recorder at site 1,000 ft upstream at datum 7.0 ft higher.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements. Stage-discharge relation affected by backwater from Tennessee River at high river stages.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. 15 | 15,400 | 15.95 | 1949 | Nov. 29 | 24,900 | 19.83 | 1969 | Feb. 03 | 18,500 | 17.64 |
| 1930 | Nov. 15 | 15,100 | 15.90 | 1950 | Sept.08 | 18,600 | 17.61 | 1970 | Apr. 03 | 6,330 | 12.71 |
| 1931 | Nov. 17 | 4,810 | 11.25 | 1951 | Mar. 30 | 27,600 | 20.73 | 1971 | Feb. 06 | 6,670 | 12.95 |
| 1932 | Jan. 30 | 12,100 | 14.80 | 1952 | Mar. 12 | 15,800 | 16.59 | 1972 | May 15 | 8,190 | 13.77 |
| 1933 | Dec. 29 | 13,500 | 15.43 | 1953 | Feb. 22 | 10,800 | 14.60 | 1973 | Mar. 17 | 30,000 | 21.70a |
| 1934 | Mar. 04 | 13,500 | 15.95 | 1954 | Jan. 17 | 14,900 | 16.24 | 1974 | Nov. 29 | 12,000 | 15.51 |
| 1935 | Mar. 13 | 11,000 | 14.90 | 1955 | Feb. 07 | 9,050 | 14.20 | 1975 | Sept.24 | 13,200 | 15.59 |
| 1936 | Feb. 05 | 20,000 | 18.47 | 1956 | Feb. 04 | 9,290 | 14.31 | 1976 | July 05 | 6,620 | 12.42 |
| 1937 | Jan. 03 | 11,200 | 15.30 | 1957 | Feb. 02 | 14,200 | 16.68 | 1977 | Apr. 06 | 11,400 | 15.06 |
| 1938 | Apr. 09 | 18,400 | 17.36 | 1958 | Nov. 19 | 13,600 | 15.90 | 1978 | Nov. 07 | 11,000 | 14.85 |
| 1939 | Mar. 01 | 11,800 | 15.14 | 1959 | Apr. 20 | 6,980 | 13.02 | 1981 | Feb. 11 | 5,030 | 14.73 |
| 1940 | Feb. 19 | 6,200 | 12.18 | 1960 | Mar. 03 | 13,400 | 15.42 | 1982 | Jan. 05 | 13,600 | 21.03 |
| 1941 | Dec. 29 | 4,720 | 11.00 | 1961 | Feb. 23 | 17,400 | 17.27 | 1983 | Dec. 02 | 12,200 | 20.23 |
| 1942 | Mar. 22 | 5,400 | 11.48 | 1962 | Dec. 19 | 18,500 | 18.70 | 1984 | Dec. 04 | 10,600 | 19.23 |
| 1943 | Dec. 29 | 21,400 | 18.65 | 1963 | May 01 | 13,800 | 15.95 | 1985 | Feb. 02 | 10,200 | 18.96 |
| 1944 | Mar. 30 | 12,300 | 15.58 | 1964 | Mar. 16 | 17,600 | 17.32 | 1986 | Feb. 18 | 5,750 | 15.16 |
| 1945 | Feb. 14 | 11,600 | 14.87 | 1965 | Mar. 27 | 16,400 | 16.88 | 1987 | Jan. 20 | 12,500 | 20.38 |
| 1946 | Feb. 11 | 18,400 | 17.65a | 1966 | Mar. 05 | 10,300 | 14.70 | 1988 | Jan. 21 | 10,100 | 18.86 |
| 1947 | Jan. 21 | 18,100 | 18.35 | 1967 | July 08 | 9,940 | 14.57 | 1989 | July 05 | 10,100 | 19.24 |
| 1948 | Feb. 13 | 20,300 | 19.19 | 1968 | Dec. 23 | 8,430 | 13.89 | 1990 | Feb. 17 | 27,300 | 28.72 |

## 03568500 CHATTANOOGA CREEK NEAR FLINTSTONE, GEORGIA

LOCATION.--Lat 34°58'20", long 85°19'40", Walker County, on right bank 0.8 mi south of Georgia-Tennessee State line, 2.3 mi northeast of Flintstone, and at mile 10.3.
DRAINAGE AREA.--50.6 $mi^2$.
GAGE.--Water-stage recorder. Datum of gage is 649.18 ft above sea level.
STAGE-DISCHARGE RELATION.--Defined by current-meter measurements.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 29 | 6,140 | 12.90 | 1959 | Jan. 22 | 2,300 | 9.68 | 1967 | May 13 | 1,900 | 9.83 |
| 1952 | Mar. 11 | 3,610 | 10.72 | 1960 | Mar. 03 | 1,680 | 9.00 | 1968 | Dec. 18 | 1,620 | 9.43 |
| 1953 | Feb. 21 | 2,360 | 9.36 | 1961 | Mar. 08 | 4,310 | 12.04 | 1969 | Feb. 02 | 4,560 | 12.33 |
| 1954 | Jan. 16 | 2,820 | 9.90 | 1962 | Feb. 23 | 6,140 | 13.48 | 1970 | Dec. 31 | 1,760 | 9.63 |
| 1955 | Feb. 06 | 2,850 | 10.44 | 1963 | Mar. 12 | 4,130 | 12.09 | 1971 | Feb. 26 | 1,680 | 9.52 |
| 1956 | Feb. 02 | 2,130 | 9.56 | 1964 | Apr. 07 | 5,060 | 12.72 | 1972 | May 14 | 1,920 | 9.86 |
| 1957 | Feb. 01 | 2,600 | 10.43 | 1965 | Mar. 26 | 4,300 | 12.12 | 1973 | Mar. 16 | 6,300 | 13.59 |
| 1958 | Apr. 29 | 2,590 | 10.04 | 1966 | Feb. 13 | 1,390 | 9.00 | 1974 | Nov. 28 | 3,950 | 11.85 |

## 03568933 LOOKOUT CREEK NEAR NEW ENGLAND, GEORGIA

LOCATION.--Lat 34°53'51", long 85°27'47", Dade County, at bridge on county road, 0.4 mi downstream of Squirrel Town Creek, 2.2 mi southeast of New England and at mile 16.3.

DRAINAGE AREA.--149 $mi^2$.

GAGE.--Water-stage recorder. Datum of gage is 663.80 ft above sea level (levels from the Tennessee Valley Authority). Aug. 30, 1979 to Oct. 4, 1988 at site 200 ft downstream at same datum.

STAGE-DISCHARGE RELATION.--Defined by current-meter measurements below 10,200 $ft^3/s$, and extended above to 20,000 $ft^3/s$ on the basis of indirect measurements. Bankfull stage and discharge, 11 ft and 1,800 $ft^3/s$.

HISTORICAL DATA.--The flood of 1982 is thought to be the highest since 1973, based on information at nearby stations.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) | Water year | Date | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1980 | Mar. 21 | 14,900 | 18.21 | 1984 | May 03 | 6,710 | 15.46 | 1988 | Jan. 20 | 3,930 | 13.67 |
| 1981 | Feb. 11 | 2,940 | 12.84 | 1985 | Feb. 01 | 3,580 | 13.40 | 1989 | Feb. 28 | 5,720 | 14.80 |
| 1982 | Aug. 17 | 20,000 | 20.73 | 1986 | Feb. 18 | 3,870 | 13.62 | 1990 | Feb. 16 | 14,300 | 18.76 |
| 1983 | Dec. 01 | 9,800 | 16.92 | 1987 | Jan. 19 | 6,350 | 15.26 | | | | |