

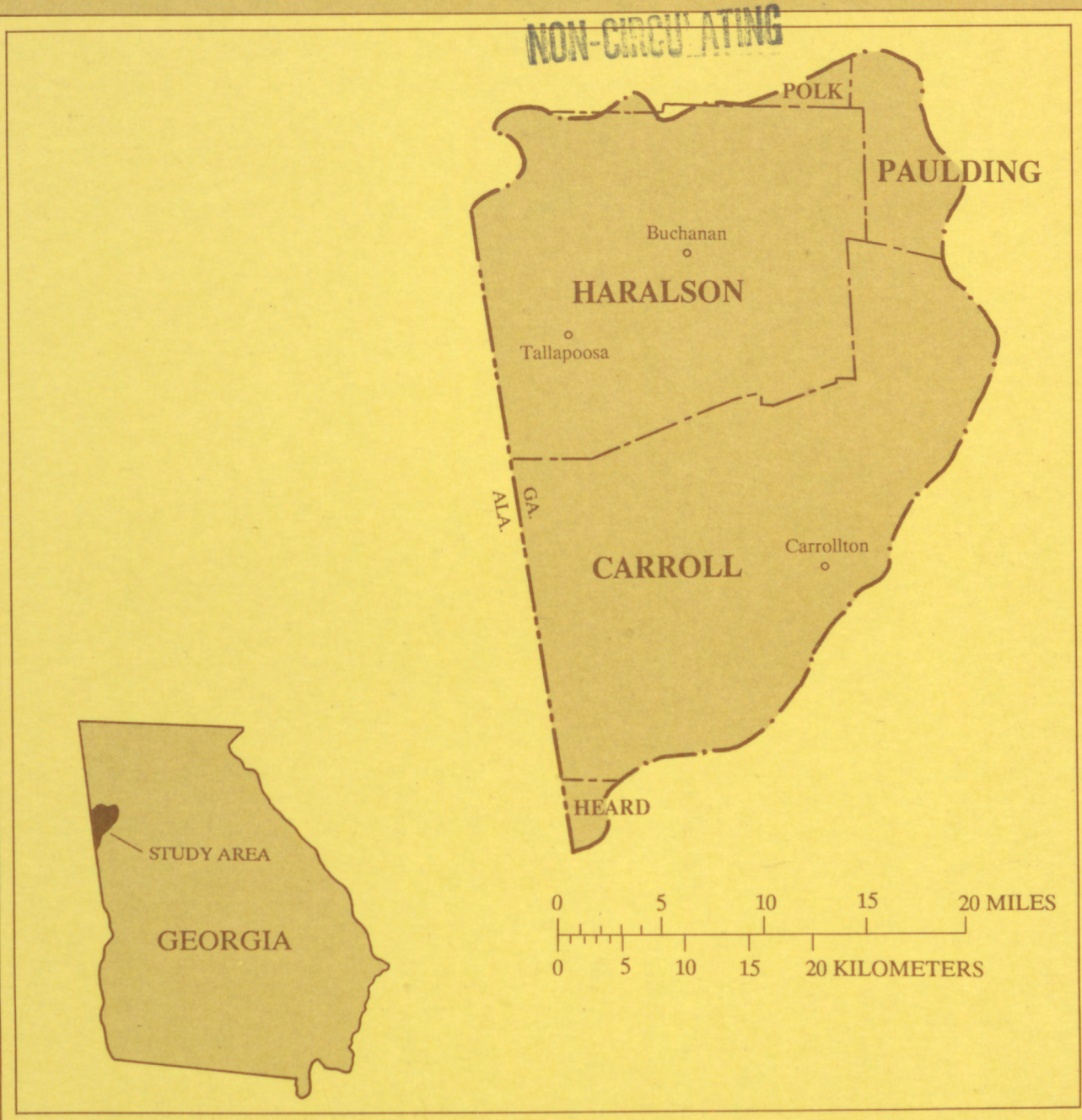
(200)

WRI

no. 88-4050

3 1818 00011769 5

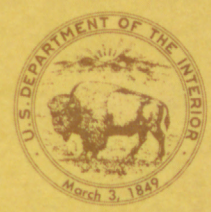
# LOW-FLOW PROFILES OF THE TALLAPOOSA RIVER AND TRIBUTARIES IN GEORGIA



U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the  
GEORGIA DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION

WATER-RESOURCES INVESTIGATIONS REPORT 88-4050









LOW-FLOW PROFILES OF THE  
TALLAPOOSA RIVER AND TRIBUTARIES IN GEORGIA

By R.F. Carter, E.H. Hopkins, and H.A. Perlman

---

U.S. GEOLOGICAL SURVEY

Water-Resources Investigations Report 88-4050

Prepared in cooperation with the  
GEORGIA DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROTECTION DIVISION



Doraville, Georgia

1988



DEPARTMENT OF INTERIOR

DONALD PAUL HODEL, Secretary

U.S. GEOLOGICAL SURVEY

Dallas L. Peck, Director

---

For additional information  
write to:

District Chief  
U.S. Geological Survey  
6481 Peachtree Industrial Boulevard  
Suite B  
Doraville, Georgia 30360

Copies of this report may  
be purchased from:

U.S. Geological Survey  
Books and Open-File Reports  
Federal Center, Bldg. 810  
Box 25454  
Denver, Colorado 80225



# CONTENTS

	Page
Abstract -----	1
Introduction -----	1
Purpose and scope -----	2
Availability of low-flow data -----	2
Revision of published low-flow data -----	2
Methods of analysis -----	3
Low-flow profiles -----	5
Accuracy of low-flow profiles -----	5
Use of low-flow profiles -----	6
Selected references -----	7
Supplemental data--tabular and graphical low-flow profiles -----	8
Explanation of tables and graphs -----	8
List of tables and graphs -----	9
Alphabetical index -----	39

# ILLUSTRATIONS

	Page
Figure 1. Subdivisions of the Tallapoosa River basin, Georgia -----	4



# CONVERSION FACTORS

Factors for converting inch-pound units published herein to metric (International System) units are as follows:

<u>Multiply inch-pound unit</u>	<u>By</u>	<u>To obtain metric unit</u>
<u>Length</u>		
mile (mi)	1.609	kilometer (km)
<u>Area</u>		
square mile (mi <sup>2</sup> )	2.590	square kilometer (km <sup>2</sup> )
<u>Flow</u>		
cubic foot per second (ft <sup>3</sup> /s)	28.32	liter per second (L/s)
	28.32	cubic decimeter per second (dm <sup>3</sup> /s)
	0.02832	cubic meter per second (m <sup>3</sup> /s)



# LOW-FLOW PROFILES OF THE TALLAPOOSA RIVER AND TRIBUTARIES IN GEORGIA

By

R.F. Carter, E.H. Hopkins, and H.A. Perlman

## ABSTRACT

Low-flow information is provided for use in an evaluation of the capacity of streams to permit withdrawals or to accept waste loads without exceeding the limits of State water-quality standards. The report is the fourth in a series of reports presenting the results of a low-flow study of all stream basins north of the Fall Line in Georgia. This report covers the part of the Tallapoosa River basin in the Piedmont province of Georgia.

The low-flow characteristic presented is the minimum average flow for 7 consecutive days with a 10-year recurrence interval (7Q10). The data are presented in tables and shown graphically as "low-flow profiles" (low flow plotted against distance along a stream channel), and as "drainage-area profiles" (drainage area plotted against distance along a stream channel). Low-flow profiles were constructed by interpolation or extrapolation from points of known low-flow data. Low-flow profiles are included for all stream reaches where low-flow data of sufficient accuracy are available to justify computation of the profiles. Drainage-area profiles are included for all stream basins larger than 5 square miles, except for those in a few remote areas. Flow records were not adjusted for diversions or other factors that cause measured flows to represent conditions other than natural flow.

## INTRODUCTION

The Tallapoosa River and tributaries are used for water supply and waste disposal. Low-flow characteristics have been only partly defined in previous studies.

This study was done to provide low-flow information, minimum average flow for 7 consecutive days with a 10-year recurrence interval (7Q10), for use in an evaluation of the capacity of these streams to permit withdrawals or to accept waste loads without exceeding the limits of State water-quality standards. The 7-day low flow will be less than the 7Q10 low flow at intervals averaging 10 years in length; or the probability is 10 percent that the 7-day low flow in any 1 year will be less than the 7-day, 10-year low flow. Techniques used to estimate the profiles also are presented in this report. The study was done by the U.S. Geological Survey as part of the cooperative water-resources program with the Georgia Department of Natural Resources, Environmental Protection Division.



## Purpose and Scope

The purpose of this report is to present the results of a compilation of available low-flow data in the form of tables and "7Q10 flow profiles" (7Q10 flow plotted against distance along a stream channel) for all stream reaches of the Tallapoosa River and tributaries where sufficient data of acceptable accuracy are available. Drainage-area profiles are included for all stream basins larger than 5 mi<sup>2</sup>, except for those in a few remote areas.

This report is the fourth in a series of reports that will cover all stream basins north of the Fall Line in Georgia. It includes the Georgia part of the Tallapoosa River basin.

## Availability of Low-Flow Data

Low-flow data for Georgia are available in Thomson and others (1956), Thomson and Carter (1963), Carter and Putnam (1978), and Carter (1983a). Low-flow characteristics for continuous-record gaging stations generally were computed by fitting log-Pearson Type III distributions to low-flow data. If the fit of these distributions was unsatisfactory, a graphical curve was fitted instead. Low-flow characteristics at low-flow partial-record stations were computed from least-squares regressions of flow at the partial-record station with concurrent flow at nearby complete-record gaging stations (Carter and Putnam, 1978). In addition, a large number of "miscellaneous" discharge measurements made during times of base flow (no storm runoff) are available in published reports of the U.S. Geological Survey. These measurements were made over a period of many years at sites at which flow measurements are not made routinely. These measurements are used as a basis for low-flow-frequency estimates in response to requests for low-flow information at or near these sites. Frequency estimates at these miscellaneous-measurement sites were made by graphical regression methods described by Thomson and Carter (1963). Sites where zero flows were the only flows observed, were not included in the analyses because of the difficulty of estimating frequency of occurrence of zero flows.

## Revision of Published Low-Flow Data

Some reanalysis of the base data was made for this study, but no sites were found where revision of a previously published 7Q10 figure appeared to be warranted.



## METHOD OF ANALYSIS

For convenience in presentation, the Tallapoosa River basin was subdivided. Most subdivisions consist of a large tributary and its tributaries. The principal numbering system for these subdivisions is shown on the location map (fig. 1). The Tallapoosa River basin has three subdivisions numbered TL1 through TL3. Tributaries within these areas are identified by additional symbols. For example, a tributary to Little Tallapoosa River in the subdivision numbered TL3 is numbered TL3H, and a tributary to that stream is numbered TL3H1. The data are presented in both tabular and graphical forms. Roads are identified by name, highway number, or by a six-digit number based on the county numbering system shown on county maps published by the Georgia Department of Transportation, and the Federal Information Processing System (FIPS) numbering system for counties. For example, Road 141 in Haralson County (County 143) is identified as 141-143, and Road 347 also in Haralson County is identified as 347-143.

Some stream miles were based on data provided by the U.S. Army Corps of Engineers. Additional stream miles were measured by using an electronic digitizer on 7 1/2-minute topographic maps published by the U.S. Geological Survey. Mileages are presented as distances above the mouth of each stream.

Many drainage areas were based on data provided by the U.S. Army Corps of Engineers. Additional drainage-area data were determined for this study by using 7 1/2-minute topographic maps and an electronic digitizer. These data conform to the accuracy standards established by the Federal Inter-Agency River Basin Committee (1951). Additional drainage areas were estimated by interpolation on short stream reaches where drainage-area increments are about proportional to increments of distance. Drainage areas determined by interpolation are identified by footnotes to the tables.

Drainage areas were plotted against stream miles to produce a drainage-area profile. Such profiles are needed to help define the low-flow profiles for reaches with little or no low-flow information (stream flow generally increases in proportion to drainage area, especially on the same stream). These drainage-area profiles are shown for all those streams draining more than 5 mi<sup>2</sup>, except for those in a few remote areas.

Low flows, especially those as severe as 7-day, 10-year low flows, usually occur when drought conditions are prevalent over wide areas. At such times, local streams and major streams, for considerable parts of their lengths, tend to have flows of about the same recurrence interval, and the flow rates of various streams have definite interrelations. Low-flow rates for ungaged reaches of streams may be estimated, with some confidence, from concurrent flows at gaged sites on the same stream.

During base-flow periods, flow rates along a stream may be represented by flow profiles. Flows measured or estimated at various points along the stream are plotted against stream miles. These points are connected by a line. The line may contain "step-ups" that represent the inflow from tributaries. This was the principal method of analysis used. An advantage of this method is that the presentation facilitates detection of anomalies and elimination of major errors.

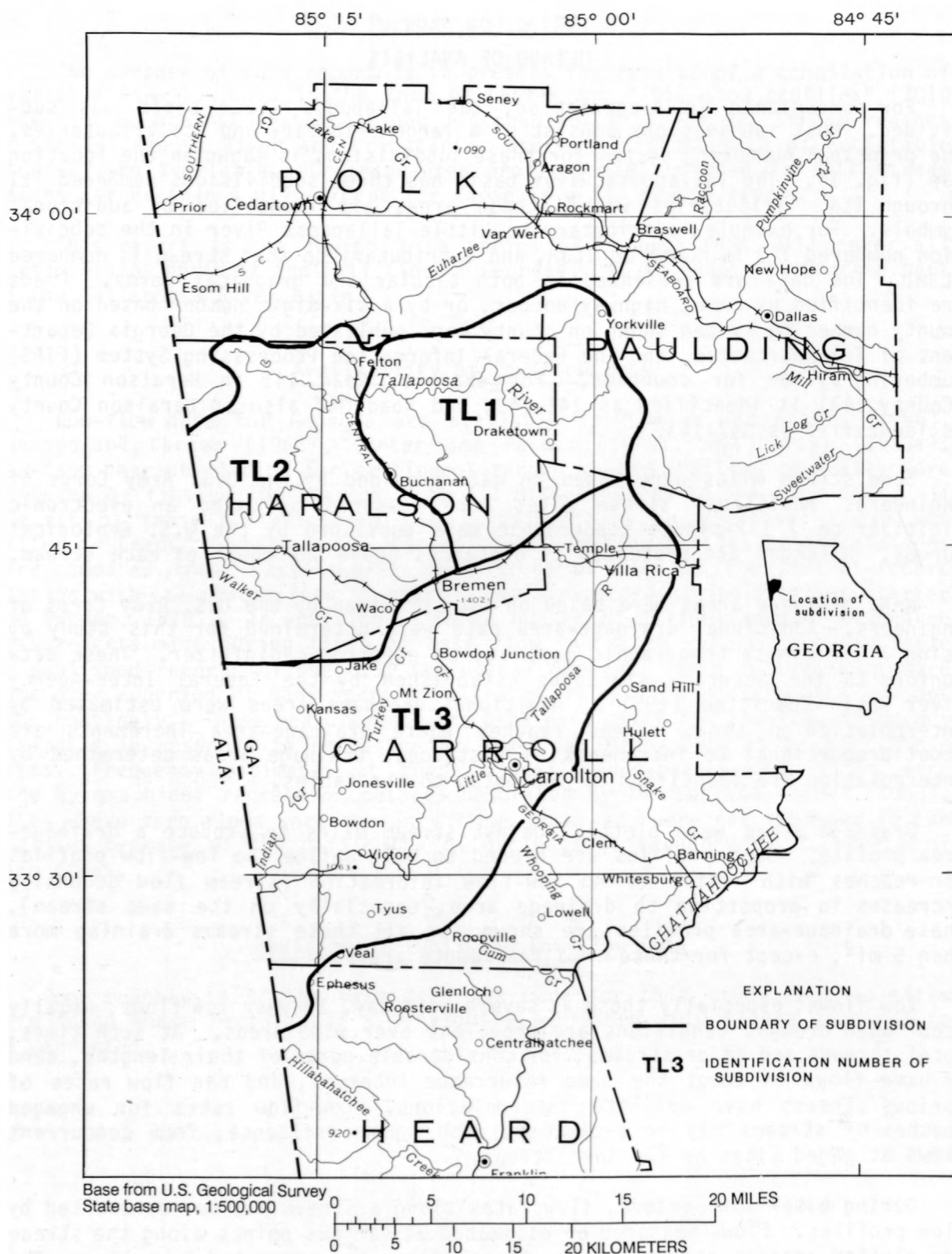


Figure 1.--Subdivisions of the Tallapoosa River basin, Georgia.



The low-flow profiles were started by plotting known 7Q10 against stream miles. These flows were then extrapolated or interpolated from the points of known 7Q10 by using the following procedures. Flows were extrapolated upstream on a drainage-area basis to a point having one-half the drainage area, and were similarly extrapolated downstream to a point having 1 1/2 times the drainage area. Where extrapolations from two adjacent points overlapped, interpolation on a drainage-area basis was done between the two points instead of extrapolation. The drainage-area profile was used in further defining the low-flow profiles, especially at tributary inflows.

Withdrawals from and return flows to streams that change with time are difficult to document, and pose a problem in evaluating the flow rate equivalent to a given frequency of occurrence. In this study, flow records were not adjusted for diversions. Most low-flow observations on the Little Tallapoosa River were made before the Little Tallapoosa River Lake dam was constructed, and before use of water or withdrawals from this stream were substantial enough to affect the low-flow profile. Therefore, the low-flow profile shown on the table and the graph TL3 for the reach from the Little Tallapoosa River Lake dam to below the Carrollton Water Pollution Control Plant (WPCP) is intended to represent natural flow conditions only.

## LOW-FLOW PROFILES

### Accuracy of Low-Flow Profiles

Low-flow profiles based on data from continuous-record gaging stations or from partial-record gaging stations that have six or more base-flow measurements probably are the most accurate of those included in this report. Low-flow estimates for such sites are based on regression relations that have a standard error of estimate of about 30 percent. Profiles based on these data are shown as a solid line, and estimated flow characteristics (7Q10) taken from them are rated as good. For the purpose of this report, no distinction is made between low-flow estimates based on data from complete-record gaging stations and low-flow estimates based on data from six or more base-flow measurements, although it is likely that the former are the most reliable.

Low-flow estimates for sites having three to five base-flow measurements are based on regression relations that have a standard error of estimate of about 50 percent. Profiles based on these regressions are shown as dashed lines, and estimated flow characteristics (7Q10) taken from them are rated as fair. Low-flow estimates based on one or two base-flow measurements are considered to be the least reliable, and are based on regression relations that have standard errors of estimate that may exceed 50 percent. Profiles based on these regressions are shown as dotted lines, and estimated flow characteristics (7Q10) taken from them are rated as poor.

Estimates of the magnitude of probable errors, as given here, are based on work by several investigators including Hardison and Moss (1972) and Stedinger and Thomas (1985).

## Use of Low-Flow Profiles

This report can be used in conjunction with suitable maps, such as the county maps issued by the Georgia Department of Transportation or the 7 1/2-minute topographic quadrangles published by the U.S. Geological Survey. A map showing the study area, a list of tables and graphs, and an alphabetical index of streams are included to help the user find the table and the profile covering any particular stream. The user can determine quantity of flow from the tables if the desired site is at or near a listed landmark. If interpolation between landmark sites is required, it is most easily accomplished by use of the graphical profiles. The profiles also show the relative accuracy of the available flow data. If no flow profile is available for the stream reach needed, then only the drainage area and the stream mile can be obtained from this report. Methods for estimating low-flow characteristics for ungaged streams are discussed in a previous report (Carter and Putnam, 1978).

The profiles have other uses in addition to providing 7Q10 flow information at a large number of sites. For example, if a user wants to determine storage requirements to supply certain draft rates, as described by Carter (1983b), the drainage-area data needed for that operation may be obtained from the profiles. The profiles may be used to appraise the amount and adequacy of data available for stream reaches that could develop water-quality problems. They can be useful guides in planning future data-collection programs.



## SELECTED REFERENCES

- Carter, R.F., 1983a, Effects of the drought of 1980-81 on streamflow and on ground-water levels in Georgia: U.S. Geological Survey Water-Resources Investigations Report 83-4158, 46 p.
- 1983b, Storage requirements for Georgia streams: U.S. Geological Survey Open-File Report 82-557, 65 p.
- Carter, R.F., and Putnam, S.A., 1978, Low-flow frequency of Georgia streams: U.S. Geological Survey Water-Resources Investigations 77-127, 104 p.
- Federal Inter-Agency River Basin Committee, 1951, Inter-agency coordination of drainage area data, Bulletin 4, 48 p.
- Hardison, C.H., 1969, Accuracy of streamflow characteristics, in Geological Survey Research, 1969: U.S. Geological Survey Professional Paper 650-D, p. D210-D214.
- Hardison, C.H., and Moss, M.E., 1972, Accuracy of low-flow characteristics estimated by correlation of base-flow measurements: U.S. Geological Survey Water-Supply Paper 1542-B, 55 p.
- Inman, E.J., 1971, Flow characteristics of Georgia streams: U.S. Geological Survey Open-File Report, 262 p.
- Riggs, H.C., 1972, Low-flow investigations: U.S. Geological Survey Techniques of Water-Resources Investigations, Book 4, Chapter B1, 18 p.
- Stedinger, J.R., and Thomas, W.O. Jr., 1985, Low-flow frequency estimation using base-flow measurements: U.S. Geological Survey Open-File Report 85-95, 22 p.
- Thomson, M.T., and Carter, R.F., 1963, Effect of a severe drought (1954) on streamflow in Georgia: Georgia Geological Survey Bulletin 73, 97 p.
- Thomson, M.T., Herrick, S.M., Brown, Eugene, and others, 1956, The availability and use of water in Georgia: Georgia Geological Survey Bulletin 65, 329 p.
- U.S. Army Corps of Engineers, 1985, Florida-Georgia stream mileage tables with drainage areas: Mobile, Alabama, 233 p.

## SUPPLEMENTAL DATA--

### TABULAR AND GRAPHICAL LOW-FLOW PROFILES

#### Explanation of Tables and Graphs

The following tables and graphs contain data for selected sites in the Tallapoosa River basin, Georgia. The tables contain a brief description of the locations of the sites. Tables and graphs show distances, in miles, from the mouths of the streams, drainage areas in square miles, and the minimum average rate of flow, in cubic feet per second, for 7 consecutive days, with a 10-year recurrence interval (7Q10), for sites where sufficient supporting data of acceptable accuracy are available. Figures for drainage area or flow above a tributary plus the figures for the mouths of the tributaries may not add exactly because of independent rounding.



# LIST OF TABLES AND GRAPHS

	Pages
TL1 Tallapoosa River (Carroll, Paulding, Haralson Counties) -----	10,15
TL1A McClendon Creek (Paulding County) -----	12,16
TL1B Brooks Creek (Carroll, Haralson Counties) -----	12,16
TL1C Water Mill (Thomasson) Creek (Paulding, Haralson Counties) -----	12,16
TL1D Swinney Branch (Polk, Haralson Counties) -----	13,16
TL1E Little River (Haralson County) -----	13,17
TL1E1 Baxter Creek (Haralson County) -----	13,17
TL1F Cochran Creek (Haralson County) -----	14,17
TL2 Tallapoosa River (Haralson County) -----	18,23
TL2A Big Creek (Haralson County) -----	20,24
TL2B Beach Creek (Haralson County) -----	20,24
TL2C Greene Creek (Haralson County) -----	21,24
TL2D Mann Creek (Haralson County) -----	21,24
TL2E Little Creek (Haralson County) -----	21,25
TL2F Walker Creek (Haralson County) -----	21,25
TL3 Little Tallapoosa River (Carroll, Haralson, Heard Counties) -----	26,35
TL3A Astin Creek (Carroll County) -----	28,35
TL3B Holly (Trestle) Creek (Carroll County) -----	28,35
TL3C Bethel (Webster) Creek (Haralson, Carroll Counties) -----	28,35
TL3D Hominy Creek (Carroll County) -----	28,35
TL3E Hendricks Creek (Carroll County) -----	29,35
TL3F Sharpe Creek (Haralson, Carroll Counties) -----	29,35
TL3G Curtis Creek (Carroll County) -----	29,35
TL3H Buck Creek (Haralson, Carroll Counties) -----	29,36
TL3H1 Bear Creek (Carroll County) -----	30,36
TL3I Buffalo Creek (Carroll County) -----	30,36
TL3I1 Creek (Carroll County) -----	31,36
TL3J Indian Creek (Near Roopville, Carroll County) -----	31,36
TL3K Garrett Creek (Carroll County) -----	31,37
TL3L Mountain Creek (Heard, Carroll Counties) -----	31,37
TL3M Indian Creek (Near Bowden, Carroll County) -----	31,37
TL3M1 Turkey Creek (Carroll County) -----	32,38
TL3M1A Little Turkey Creek (Carroll County) -----	33,38
TL3M1B Jumpin In (Juniper) Creek (Carroll County) -----	33,38

# TL1 TALLAPOOSA RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL1 TALLAPOOSA RIVER (Carroll, Paulding, Haralson Counties)			
Note: Mud Creek is joined by McClendon Creek at mile 259.22 to form Tallapoosa River.			
Mud Creek above Crider Creek	262.59	1.5	
Crider Creek	262.59	(4.7)	
Below Crider Creek	262.59	6.2	
Road 186-223	261.05	9.4	
GA 120-223	260.09	11.8	
Road 180-223	259.61	* 12.2	
Above McClendon Creek	259.22	12.6	
McClendon Creek (on right) TL1A	259.22	(12.3)	
Below McClendon Creek (Tallapoosa River begins)	259.22	24.9	
Road 178-223	258.22	* 25.8	
Road 176-223	257.16	26.8	
Paulding-Haralson County Line	257.13	* 26.9	
Road 264-143	254.52	30.8	
Above Brooks Creek	254.09	31.0	
Brooks Creek (on left) TL1B	254.09	(17.2)	
Below Brooks Creek	254.09	48.2	
Road 345-143	253.39	* 49.0	
Above Water Mill Creek	251.77	50.9	3.7
Water Mill Creek (on right) TL1C	251.77	(19.9)	
Below Water Mill Creek	251.77	70.8	5.1
Road 342-143	250.06	71.8	5.2
Above Swinney Branch	249.52	72.2	5.2
Swinney Branch (on right) TL1D	249.52	(7.3)	
Below Swinney Branch	249.52	79.5	5.7
Above Tab Creek	245.60	85.5	6.1
Tab Creek (on right)	245.60	(3.2)	
Below Tab Creek	245.60	88.7	6.4
Road 247-143	244.45	* 90.4	6.5
Above Creek	243.23	92.1	6.6
Creek (on right)	243.23	(5.8)	
Below Creek	243.23	97.9	7.0
Road 222-143	242.97	* 98.0	7.0
Abandoned Road	242.47	98.3	7.1
Above Little River	242.01	98.7	7.1
Little River (left) TL1E <<< WPCP	242.01	(36.5)	(2.7)

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.



# TL1 TALLAPOOSA RIVER-Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL1 TALLAPOOSA RIVER (Carroll, Paulding, Haralson Counties)-Continued			
Below Little River	242.01	135	9.8
Above Creek	239.49	137	9.9
Creek (on right)	239.49	(4.7)	
Below Creek	239.49	142	10.3
Above Cochran Creek	238.93	142	10.3
Cochran Creek (left) TL1F <<< Buchanan WPCP	238.93	(7.3)	
Below Cochran Creek	238.93	149	10.8
US 27, GA 1-143	238.66	152	11.0

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.

# TL1 TRIBUTARIES TO TALLAPOOSA RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL1A MCCLENDON CREEK (Paulding County)			
Above Creek	2.50	4.0	
Creek (on right)	2.50	(3.8)	
Below Creek	2.50	7.8	
GA 101-223	2.03	8.1	
Road 192-223	0.48	* 11.3	
Mouth	0	12.3	

## TL1B BROOKS CREEK (Carroll, Haralson Counties)

Junction with unnamed creek	5.37	4.8	
Carroll-Haralson County Line	4.11	* 6.8	0.26
GA 113-143	4.00	* 7.0	.27
Above Mill Creek	3.25	8.1	.32
Mill Creek (on left)	3.25	(3.1)	
Below Mill Creek	3.25	11.2	.44
GA 120-143	2.68	11.6	.45
Above Panther Creek	2.35	12.1	.47
Panther Creek (on left)	2.35	(2.5)	
Below Panther Creek	2.35	14.6	.57
Road 253-143	1.26	* 15.8	.61
Mouth	0	17.2	.67

## TL1C WATER MILL (THOMASSON) CREEK (Paulding, Haralson Counties)

Note: Thomasson Creek is joined by White Creek at mile 3.81 to form Water Mill Creek.

Junction of Caney and Rabbit Branches	8.61	3.2	
Thomasson Creek at Road 136-223	7.90	* 4.2	
Paulding-Haralson County Line	6.32	* 6.4	
Road 271-143 first crossing	6.32	* 6.4	
Road 271-143 second crossing	4.92	* 8.4	
Above White Creek	3.81	9.9	
White Creek (on left)	3.81	(5.0)	
Below White Creek (Water Mill Creek begins)	3.81	14.9	
Road 271-143 third crossing	3.49	15.1	
Road 223-143	1.27	* 18.2	
Mouth	0	19.9	

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.



# TL1 TRIBUTARIES TO TALLAPOOSA RIVER-Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL1D SWINNEY BRANCH (Polk, Haralson Counties)			
Eubank Lake Dam	1.56	3.9	
Mouth	0	7.3	
TL1E LITTLE RIVER (Haralson County)			
Road 042-143	11.97	4.1	
Above Golden Creek	11.63	4.3	
Golden Creek (on right)	11.63	(3.7)	
Below Golden Creek	11.63	8.0	
Road 342-143	10.96	* 8.7	
Above Baxter Creek	10.71	8.9	
Baxter Creek (on left) TL1E1 <<< WPCP	10.71	(6.7)	
Below Baxter Creek	10.71	15.6	1.2
Road 346-143	10.13	17.0	1.3
Road 003-143, Gage 02411800	8.55	20.2	1.6
Above Bentley Creek	6.33	21.2	1.7
Bentley Creek (on left)	6.33	(3.7)	
Below Bentley Creek	6.33	24.9	1.9
GA 120-143	5.89	26.8	2.0
Lake Olympia Dam	4.57	* 29.5	2.2
Road 224-143	2.36	33.9	2.5
Road 235-143	0.82	* 35.7	2.7
Mouth	0	36.5	2.7
TL1E1 BAXTER CREEK (Haralson County)			
Road 027-143	3.03	1.8	
Above Creek	2.67	1.9	
Creek (on left)	2.67	(1.8)	
Below Creek	2.67	3.7	
<<< Bremen WPCP	2.29	* 4.1	
Road 026-143	2.22	* 4.2	
Road 041-143	0.33	* 6.3	
Mouth	0	6.7	

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

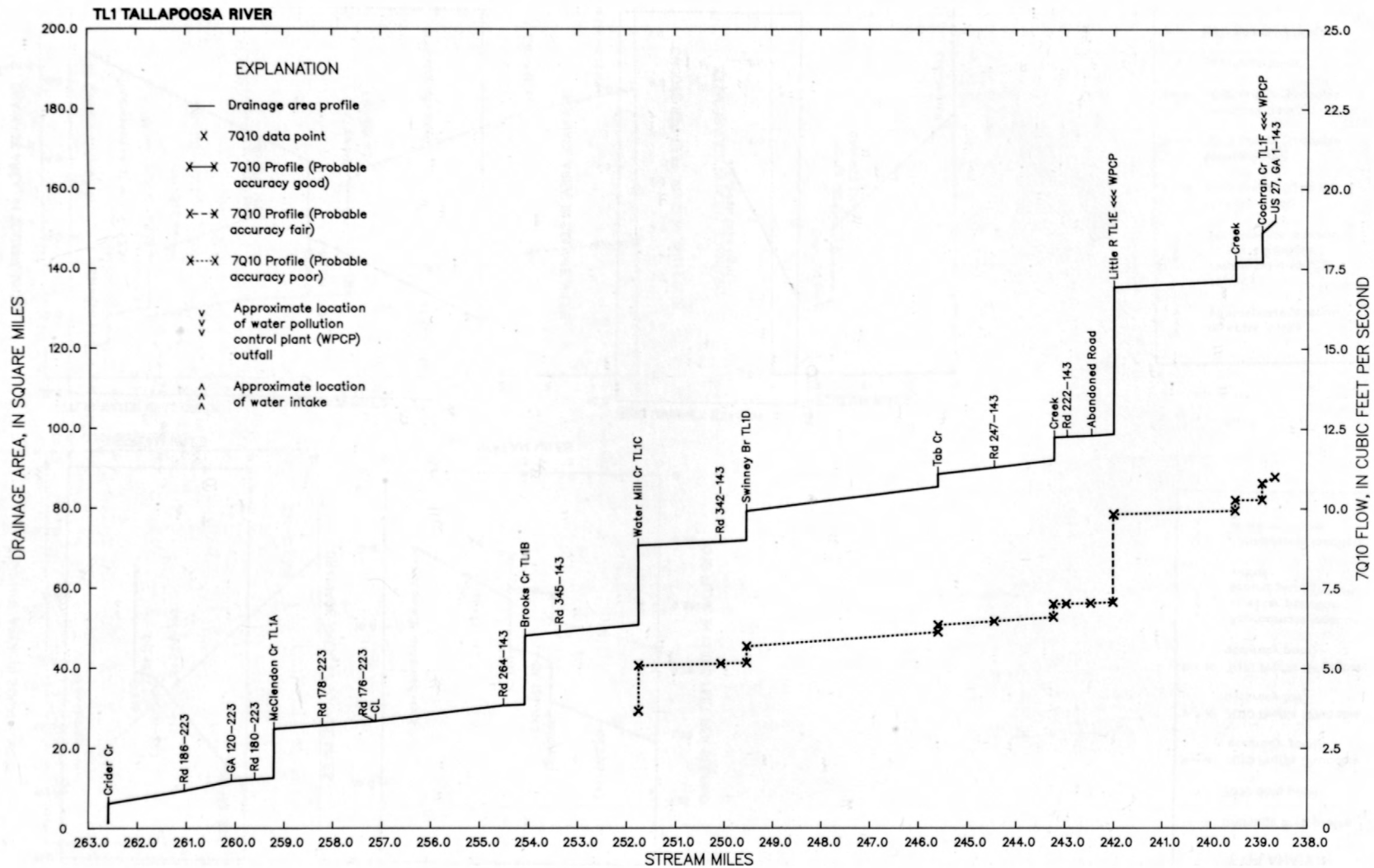
>>> Approximate location of water intake.

# TL1 TRIBUTARIES TO TALLAPOOSA RIVER-Continued

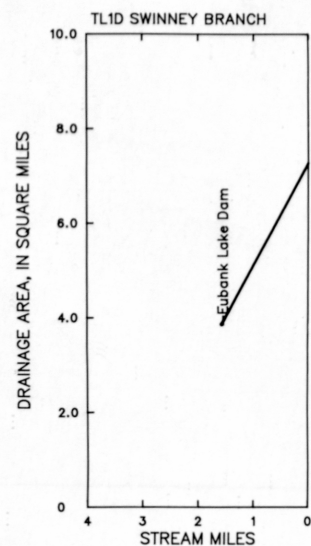
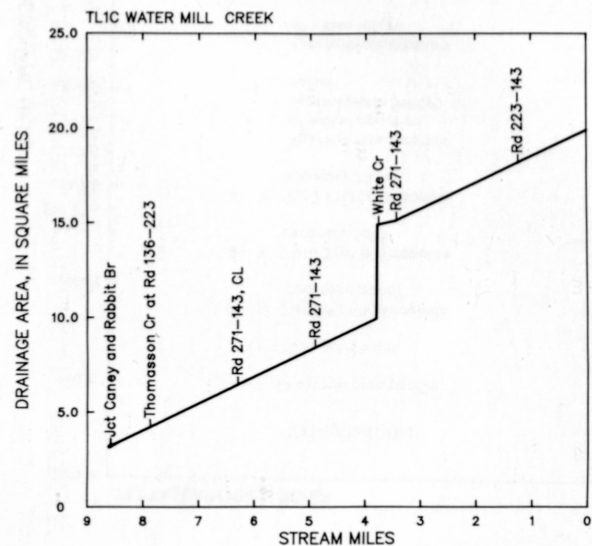
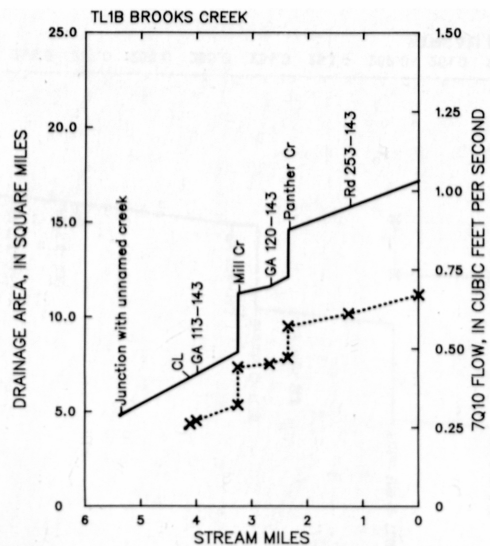
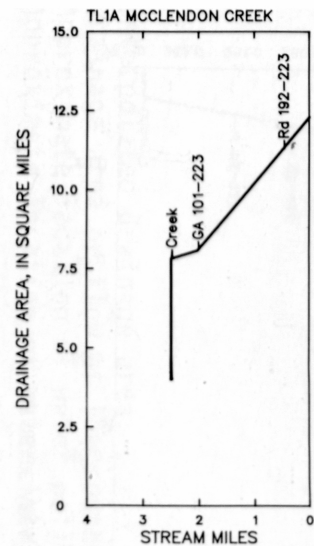
Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL1F COCHRAN CREEK (Haralson County)			
GA 120-143	5.72	1.2	
<<< Buchanan WPCP	5.34	*	1.7
Road 225-143	3.86		3.3
Road 228-143	3.22	*	4.0
Road 232-143	0.70	*	6.6
Mouth	0		7.3

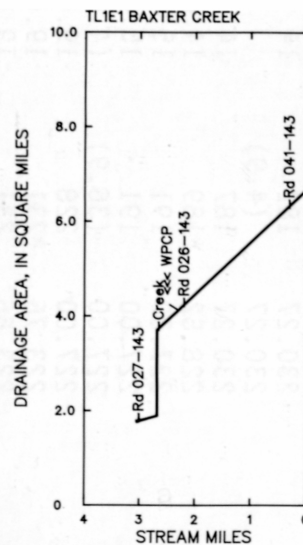
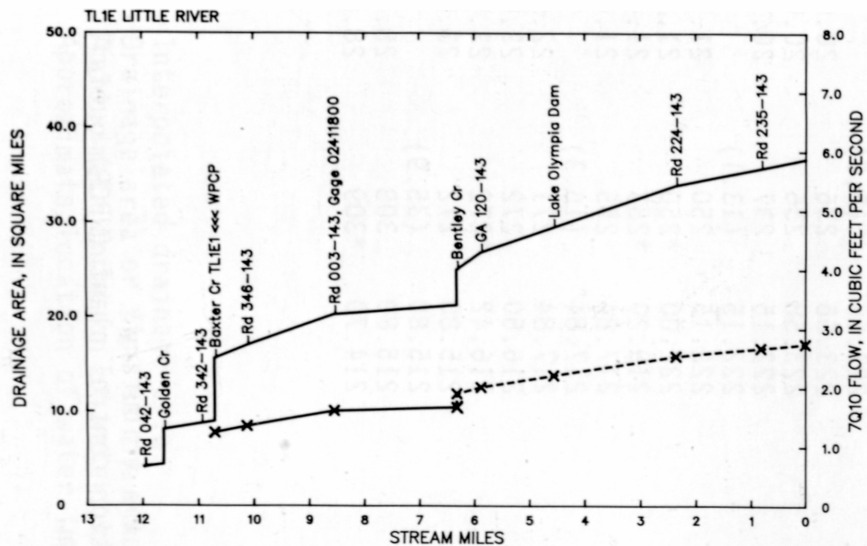
TL1B BROOKS CREEK (Haralson County)			
GA 120-143	5.72	1.2	
<<< Buchanan WPCP	5.34	*	1.7
Road 225-143	3.86		3.3
Road 228-143	3.22	*	4.0
Road 232-143	0.70	*	6.6
Mouth	0		7.3

- \* Interpolated drainage area.
- ( ) Drainage area or flow at the mouth of a tributary.
- <<< Approximate location of water pollution control plant (WPCP) outfall.
- >>> Approximate location of water intake.

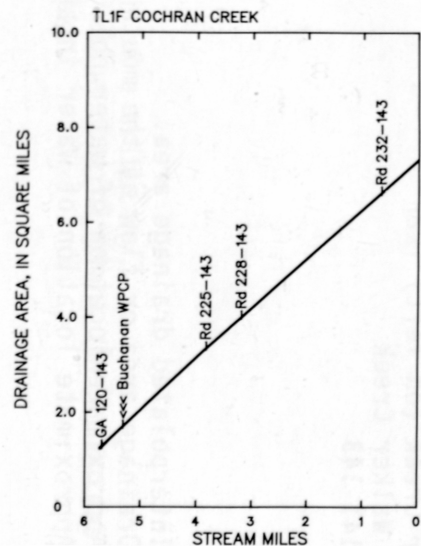








EXPLANATION	
—	Drainage area profile
X	7Q10 data point
X—X	7Q10 Profile (Probable accuracy good)
X--X	7Q10 Profile (Probable accuracy fair)
X...X	7Q10 Profile (Probable accuracy poor)
v	Approximate location of water pollution control plant (WPCP) outfall
v	
v	
^	Approximate location of water intake
^	
^	



# TL2 TALLAPOOSA RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL2 TALLAPOOSA RIVER (Haralson County)			
US 27, GA 1-143	238.66	152	11.0
Central of Georgia Railroad	237.82	*153	11.1
Road 204-143	235.53	*155	11.3
Above Big Creek	235.04	156	11.4
Big Creek (on right) TL2A	235.04	(19.4)	
Below Big Creek	235.04	175	13.4
Road 347-143	233.02	177	13.6
Above Flatwood Creek	230.27	182	14.1
Flatwood Creek (on left)	230.27	(4.9)	
Below Flatwood Creek	230.27	187	14.6
Road 189-143	228.82	*189	14.8
Road 353-143	227.30	191	15.0
Above Beach Creek	227.00	191	15.0
Beach Creek (on left) TL2B, >>> Intake	227.00	(36.9)	(4.4)
Below Beach Creek	227.00	228	19.4
>>> Tallapoosa Intake	223.76	*231	19.6
Above Greene Creek	223.66	231	19.6
Greene Creek (on left) TL2C,<<< WPCP	223.66	(5.2)	
Below Greene Creek	223.66	236	20.0
GA 100-143	223.58	236	20.0
Above Mann Creek	222.15	237	20.1
Mann Creek (on right) TL2D	222.15	(13.1)	
Below Mann Creek	222.15	250	21.2
Road 354-143	222.00	*250	21.2
Road 146-143	219.20	*253	21.4
Above Little Creek	217.84	255	21.6
Little Creek (on right) TL2E	217.84	(16.3)	
Below Little Creek	217.84	271	22.9
US 78, GA 8-143	216.50	272	23.0
Southern Railway	216.42	*272	23.0
Above Walker Creek	215.80	272	23.0
Walker Creek (on left) TL2F	215.80	(35.9)	
Below Walker Creek	215.80	308	28.7
Road 141-143	214.70	*309	28.8

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.



TL2 TALLAPOOSA RIVER-Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL2 TALLAPOOSA RIVER (Haralson County)-Continued			
Above Sanders Creek	213.69	310	28.9
Sanders Creek (on right)	213.69	(3.5)	
Below Sanders Creek	213.69	314	29.2
Georgia-Alabama State Line	213.44	314	29.2

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.

# TL2 TRIBUTARIES TO TALLAPOOSA RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
------	-----------------	--	------------------------------

## TL2A BIG CREEK (Haralson County)

Note: Little Creek is head of Big Creek.

Road 168-143	7.05	4.7	
GA 100-143	6.19	* 5.8	
Road 195-143	2.16	* 10.9	
Above Lassetter Creek	1.27	12.0	
Lassetter Creek (on left)	1.27	(6.8)	
Below Lassetter Creek	1.27	18.8	
Road 206-143	0.33	* 19.2	
Mouth	0	19.4	

## TL2B BEACH CREEK (Haralson County)

Note: Bremen withdraws water from Bush Creek (TL2B) but discharges to the WPCP on Buck Creek (TL3H) in the Little Tallapoosa River basin.

Above Creek	7.90	2.3	
Creek (on right)	7.90	(2.6)	
Below Creek	7.90	4.9	
Road 080-143	7.63	5.6	
Above Bush Creek	5.37	6.7	
Bush Creek (on left) >>> Bremen Intake	5.37	(6.2)	
Below Bush Creek	5.37	12.9	1.5
Above Creek	4.72	13.1	1.6
Creek (on left)	4.72	(3.7)	
Below Creek at Road 034-143	4.72	16.8	2.0
Above Holcomb Creek	3.93	18.4	2.2
Holcomb Creek (on right)	3.93	(6.9)	
Below Holcomb Creek	3.93	25.3	3.0
GA 120-143	3.89	25.3	3.0
Above Harris Creek	0.41	31.4	3.7
Harris Creek (on right)	0.41	(5.2)	
Below Harris Creek	0.41	36.6	4.3
Road 174-143	0.40	* 36.6	4.3
Mouth	0	36.9	4.4

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.

# TL2 TRIBUTARIES TO TALLAPOOSA RIVER-Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL2C GREENE CREEK (Haralson County)			
GA 120-143 <<< Tallapoosa WPCP	1.72	3.5	
Road 151-143	0.53	* 4.7	
Mouth	0	5.2	
TL2D MANN CREEK (Haralson County)			
Road 165-143	4.37	4.7	
Above Creek	3.25	5.9	
Creek (on left)	3.25	(4.2)	
Below Creek	3.25	10.1	
Road 162-143	0.52	* 12.6	
Mouth	0	13.1	
TL2E LITTLE CREEK (Haralson County)			
Above Creek	5.08	3.7	
Creek (on right)	5.08	(2.7)	
Below Creek	5.08	6.4	
Road 354-143	2.64	* 8.8	
Above Creek	2.19	9.3	
Creek (on right)	2.19	(5.1)	
Below Creek	2.19	14.4	
Road 146-143	1.12	15.7	
Mouth	0	16.3	
TL2F WALKER CREEK (Haralson County)			
Interstate 20	10.19	2.1	
Above Creek	8.66	4.4	
Creek (on left)	8.66	(3.5)	
Below Creek	8.66	7.9	
Above Limestone Creek	6.70	9.7	1.5
Limestone Creek (on right)	6.70	(2.2)	
Below Limestone Creek	6.70	11.9	1.9
Above Blalock Creek	6.57	11.9	1.9
Blalock Creek (on left)	6.57	(6.3)	
Below Blalock Creek	6.57	18.2	2.9
GA 100-143	5.83	18.8	3.0

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.



# TL2 TRIBUTARIES TO TALLAPOOSA RIVER-Continued

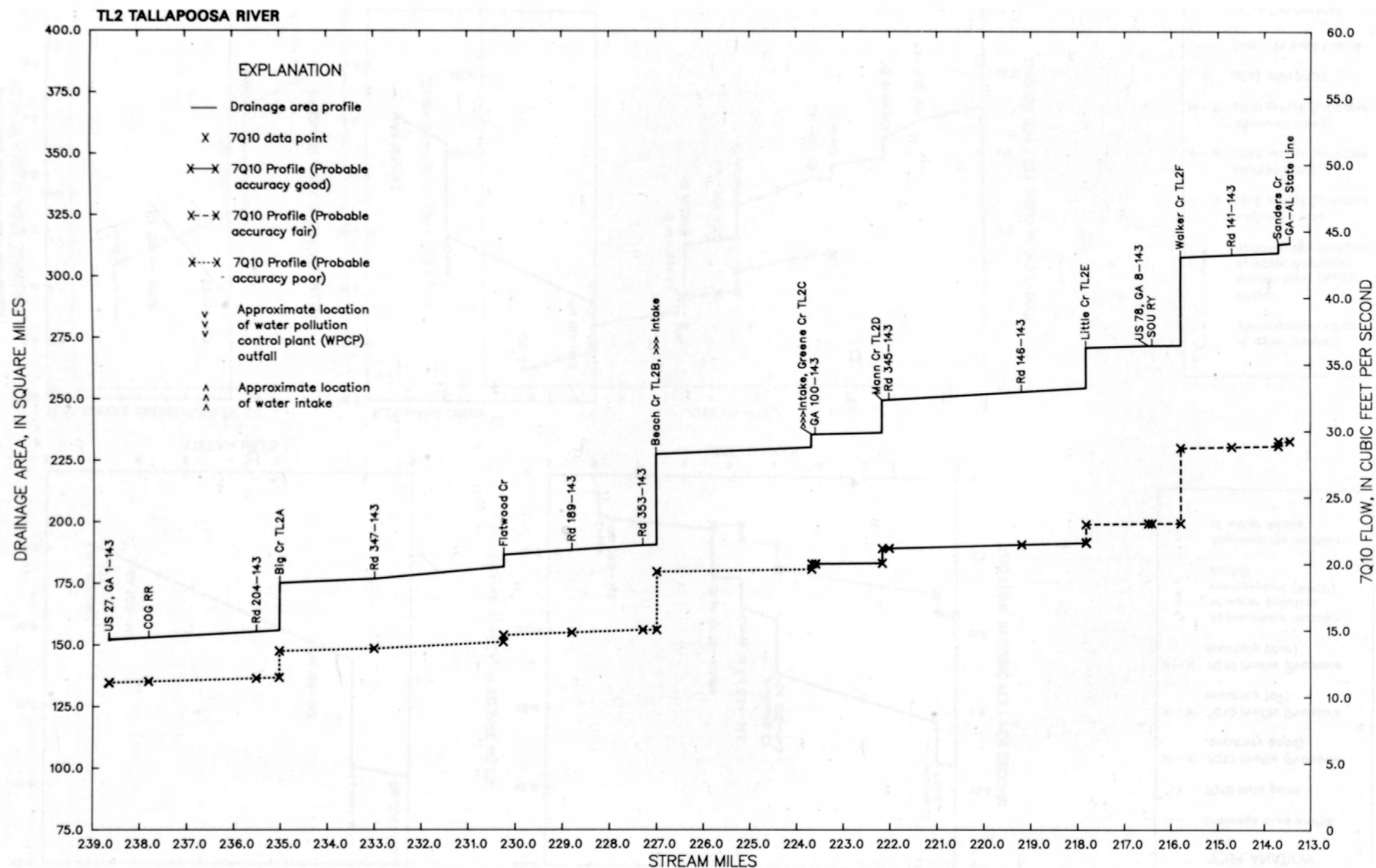
Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL2F WALKER CREEK (Haralson County)-Continued			
Above Walton Creek	5.40	19.1	3.1
Walton Creek (on left)	5.40	(4.1)	
Below Walton Creek	5.40	23.2	3.7
Road 110-143	3.76	26.6	4.2
Road 124-143	3.40	* 26.6	4.2
Above Creek	3.30	26.6	4.2
Creek (on left)	3.30	(1.8)	
Below Creek	3.30	28.4	
Above Hackney Branch	2.17	29.4	
Hackney Branch (on right)	2.17	(2.5)	
Below Hackney Branch	2.17	31.9	
Road 352-143	1.42	34.1	
Mouth	0	35.9	

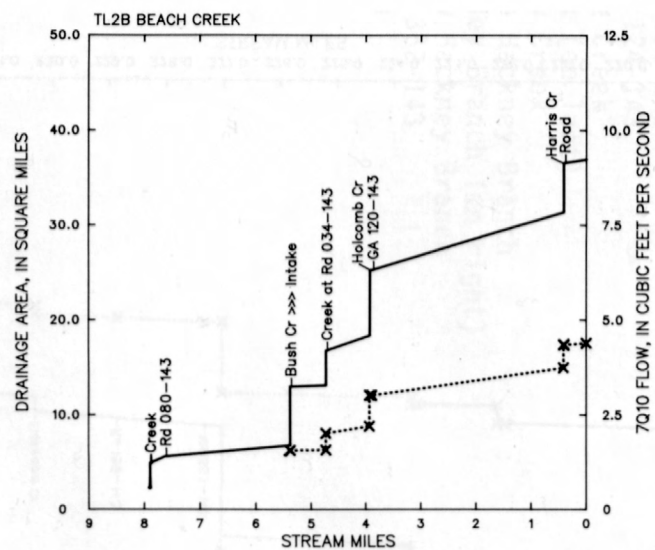
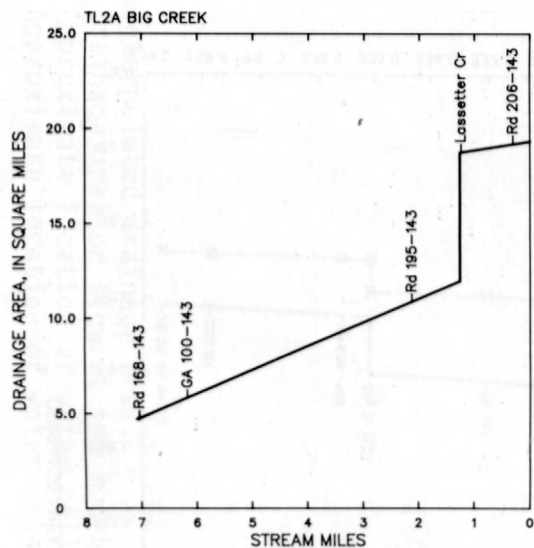
\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

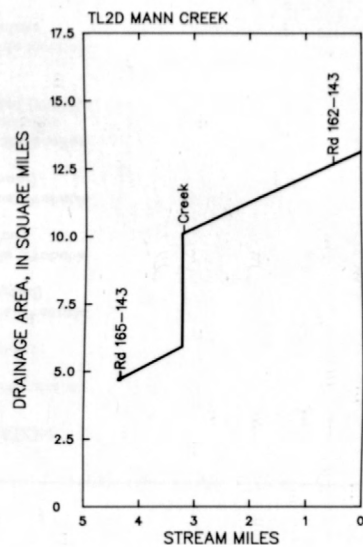
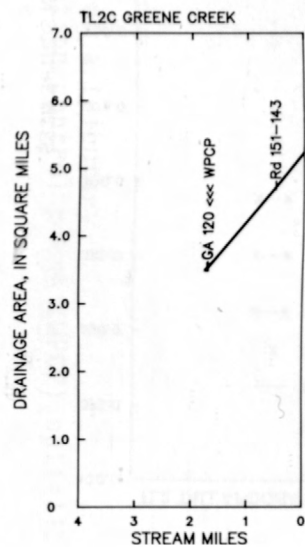
>>> Approximate location of water intake.



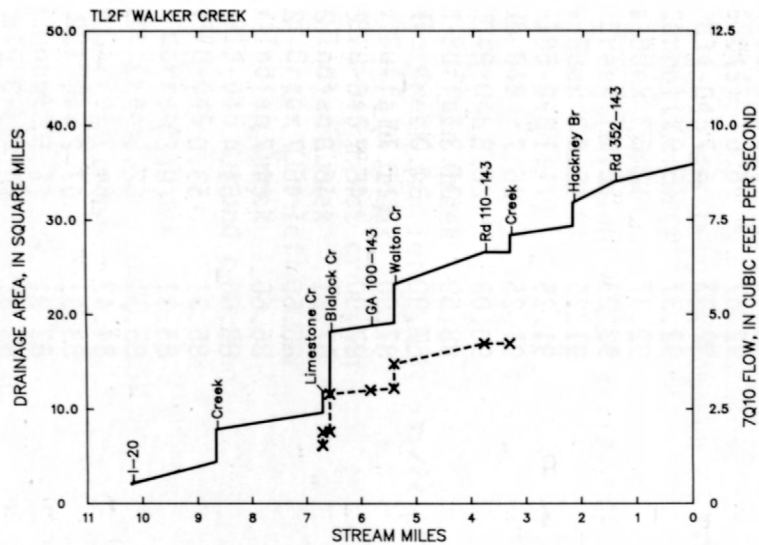
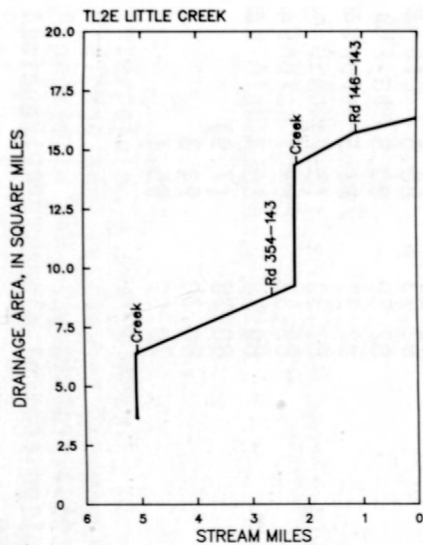


## EXPLANATION

- Drainage area profile
- X 7Q10 data point
- X-X 7Q10 Profile (Probable accuracy good)
- X--X 7Q10 Profile (Probable accuracy fair)
- X---X 7Q10 Profile (Probable accuracy poor)
- <<< Approximate location of water pollution control plant (WPCP) outfall
- >>> Approximate location of water intake







EXPLANATION	
—	Drainage area profile
X	7Q10 data point
X—X	7Q10 Profile (Probable accuracy good)
X--X	7Q10 Profile (Probable accuracy fair)
X...X	7Q10 Profile (Probable accuracy poor)
v	Approximate location of water pollution control plant (WPCP) outfall
v	
v	
A	Approximate location of water intake
A	
A	

# TL3 LITTLE TALLAPOOSA RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL3 LITTLE TALLAPOOSA RIVER (Carroll, Harraison, Heard Counties)			
Above Creek >>> Villa Rica Intake upstream	93.13	3.1	
Creek (on left) <<< Villa Rica WPCP	93.13	(3.2)	
Below Creek	93.13	6.3	0.40
Southern Railway	92.67	* 6.6	.42
Above Astin Creek	92.37	6.7	.43
Astin Creek (on right) TL3A	92.37	(5.9)	
Below Astin Creek	92.37	12.6	.80
US 78, GA 8-045	92.23	12.6	.80
Above Holly Creek	91.25	15.6	.99
Holly Creek (on right) TL3B	91.25	(11.1)	
Below Holly Creek	91.25	26.7	1.5
Interstate 20	90.03	* 28.8	1.7
Little Tallapoosa River Lake Dam	88.59	31.3	1.8
Above Bethel Creek	87.90	34.0	1.9
Bethel Creek (on right) TL3C >>> Intake	87.90	(11.7)	
Below Bethel Creek	87.90	45.7	2.6
Road 824-045	87.21	46.0	2.6
Above Allen Creek	86.66	46.7	2.7
Allen Creek (on right)	86.66	(4.7)	
Below Allen Creek	86.66	51.4	3.0
Above Hominy Creek	85.31	53.0	3.1
Hominy Creek (on left) TL3D	85.31	(9.8)	
Below Hominy Creek	85.31	62.8	3.7
Road 273-045	84.47	* 64.7	3.8
Above Hendricks Creek	83.31	67.2	4.0
Hendricks Creek (on left) TL3E	83.31	(5.5)	
Below Hendricks Creek	83.31	72.7	4.3
Above Sharpe Creek	82.73	73.1	4.3
Sharpe Creek (on right) TL3F	82.73	(7.4)	
Below Sharpe Creek	82.73	80.5	4.8
Road 301-045	82.59	80.5	4.8
Above Line Creek	82.33	81.5	4.8
Line Creek (on right)	82.33	(3.2)	
Below Line Creek	82.33	84.7	4.9
Above Curtis Creek	80.78	86.4	4.9
Curtis Creek (on left) TL3G	80.78	(7.9)	
Below Curtis Creek	80.78	94.3	5.1
US 27, GA 1-045, gage 02413000	79.99	95.1	5.1

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.

# TL3 LITTLE TALLAPOOSA RIVER-Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL3 LITTLE TALLAPOOSA RIVER (Carroll, Haralson, Heard Counties)-Continued			
>>> Carrollton Intake	79.36	* 96.6	5.2
Road 833-045	79.31	* 96.7	5.3
Central of Georgia Railroad	79.06	* 97.3	5.3
Road 751-045	78.46	* 99.9	5.5
GA 16-045	77.91	*100	5.6
Road 834-045 <<< Douglas Lomason Co WPCP	77.10	102	5.8
<<< Carrollton WPCP	74.76	*104	6.0
Above Buck Creek	74.19	105	6.1
Buck Creek (on right) TL3H <<< 2 WPCP	74.19	(35.1)	(3.0)
Below Buck Creek	74.19	140	9.1
Road 185-045	73.32	*142	9.3
GA 166-045	72.05	146	9.7
Road 049-045	68.51	155	10.6
Above Buffalo Creek	65.09	158	10.9
Buffalo Creek (on left) TL3I >>><<< plants	65.09	(27.5)	
Below Buffalo Creek	65.09	185	13.6
Road 818-045 first crossing	64.74	*185	13.6
Above Indian Creek	64.52	186	13.6
Indian Creek (on left) TL3J	64.52	(14.8)	(.57)
Below Indian Creek	64.52	201	14.2
Road 818-045 second crossing	63.96	201	14.3
Road 828-045	60.19	*205	14.7
Above Garrett Creek	58.82	207	14.8
Garrett Creek (on right) TL3K	58.82	(9.1)	
Below Garrett Creek	58.82	216	15.7
Road 821-045	58.60	220	16.0
Above Mountain Creek	57.13	222	16.2
Mountain Creek (on left) TL3L	57.13	(14.4)	
Below Mountain Creek	57.13	236	17.4
Road 097-045	56.71	*237	17.4
GA 100-045	53.52	245	18.0
Road 813-045	51.61	*247	18.2
Above Indian Creek	51.58	247	18.2
Indian Creek (on right) TL3M >>><<< plants	51.58	(72.7)	
Below Indian Creek	51.58	320	23.5
Georgia-Alabama State Line	51.43	320	23.5

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.

# TL3 TRIBUTARIES TO LITTLE TALLAPOOSA RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL3A ASTIN CREEK (Carroll County)			
Road 359-045	1.23	3.5	
Southern Railway	0.27	* 5.4	
Mouth	0	5.9	
TL3B HOLLY (TRESTLE) CREEK (Carroll County)			
Road 330-045	3.26	3.7	
Road 329-045	1.97	* 8.8	
Southern Railway	1.94	* 8.9	
US 78, GA 8-045	1.76	9.6	
Road 319-045	0.70	* 10.5	
Mouth	0	11.1	
TL3C BETHEL (WEBSTER) CREEK (Haralson, Carroll Counties)			
Note: Webster Creek is joined by Chance Creek at mile 3.72 to form Bethel Creek			
US 78, GA 8-045 >>> Temple Intake	4.57	1.6	0.12
Road 832-022	4.27	* 1.8	.13
Above Chance Creek	3.72	2.1	.16
Chance Creek	3.72	(4.2)	
Below Chance Creek	3.72	6.3	
Road 313-045	3.47	* 6.6	
Interstate 20	3.27	* 6.9	
Above Williams Mill Creek	1.47	9.2	
Williams Mill Creek (on left)	1.47	(1.8)	
Below Williams Mill Creek	1.47	11.0	
Road 318-045	1.09	* 11.2	
Mouth	0	11.7	
TL3D HOMINY CREEK (Carroll County)			
Road	4.22	1.7	
Road 394-045	2.84	4.7	
Road 824-045	0.70	* 8.5	
Mouth	0	9.8	

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.



# TL3 TRIBUTARIES TO LITTLE TALLAPOOSA RIVER-Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL3E HENDRICKS CREEK (Carroll County)			
Below Unnamed Tributary	1.67	3.7	
Road 824-045	0.68	* 4.8	
Mouth	0	5.5	
TL3F SHARPE CREEK (Haralson, Carroll Counties)			
GA 113-045	0.69	7.1	
Mouth	0	7.4	
TL3G CURTIS CREEK (Carroll County)			
GA 166-045	2.30	4.4	
Road 846-045	1.82	* 5.1	
Lake Carroll Dam	0.74	* 6.8	
Road 824-045	0.59	* 7.0	
Mouth	0	7.9	
TL3H BUCK CREEK (Haralson, Carroll Counties)			
Note: Flow includes discharges of water withdrawn from Beach Creek (TL2B)			
Lake at County Line <<< Bremen WPCP	13.58	4.4	
Interstate 20 West	13.12	* 4.6	
Interstate 20 East	13.06	* 4.6	
Road 261-045	12.51	* 4.9	
Above Creek	12.36	5.0	
Creek (on right) <<< WPCP upstream	12.36	(4.1)	
Below Creek	12.36	9.1	
Mandeville Road 763-045	11.92	11.7	0.61
Road 285-045	9.74	* 13.2	.69
Road 275-045	8.21	* 14.2	.75
Above Little Buck Creek	5.82	15.9	.83
Little Buck Creek (on right)	5.82	(4.5)	
Below Little Buck Creek	5.82	20.4	1.1
Road 298-045	5.71	* 20.5	1.1
US 27, GA 1-045	5.07	21.0	1.1
Road 217-045	3.60	* 23.0	1.4
Georgia Railroad	3.57	* 23.1	1.4

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.

# TL3 TRIBUTARIES TO LITTLE TALLAPOOSA RIVER-Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL3H BUCK CREEK (Haralson, Carroll Counties)-Continued			
Above Bear Creek	3.18	23.6	1.5
Bear Creek (on right) TL3H1	3.18	(7.1)	
Below Bear Creek	3.18	30.7	2.6
Road 217-045	3.14	* 30.8	2.6
GA 16-045	1.73	32.4	2.8
Road 834-045	0.93	* 33.6	2.9
Mouth	0	35.1	3.0

## TL3H1 BEAR CREEK (Carroll County)

Road 218-045	2.88	2.3	
Above Creek	1.61	3.9	
Creek (on right)	1.61	(2.9)	
Below Creek	1.61	6.8	
Road 238-045	0.49	7.0	
Mouth	0	7.1	

## TL3I BUFFALO CREEK (Carroll County)

Lake Richards Dam >>> Intake	10.07	4.8	
Central of Georgia Railroad	9.93	* 4.9	
<<< WPCP	9.83	* 5.1	
Dixie Road	9.67	* 5.2	
US 27, GA 1-045	9.62	* 5.3	
Road 011-045	8.26	* 6.7	
US 27A, GA 166-045	7.79	* 7.2	
Road 027-045	7.12	* 7.9	
Above Creek	6.54	8.5	
Creek (on left)	6.54	(3.0)	
Below Creek	6.54	11.5	
Road 031-045	5.58	* 13.5	
Road 036-045	4.33	16.2	
Above Creek	2.44	19.0	
Creek (on left) TR3I1	2.44	(6.0)	
Below Creek	2.44	25.0	
Road 035-045	1.88	25.6	
Road 818-045	0.16	* 27.3	
Mouth	0	27.5	

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.

# TL3 TRIBUTARIES TO LITTLE TALLAPOOSA RIVER-Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL3I1 CREEK (Carroll County)			
Junction of headwaters creeks	2.19	3.7	
Road 838-045	0.77	* 5.2	
Mouth	0	6.0	
TL3J INDIAN CREEK (Near Roopville, Carroll County)			
GA 5-045	2.41	3.3	
Above Tumlin Creek	1.52	4.2	
Tumlin Creek (on right)	1.52	(4.1)	
Below Tumlin Creek	1.52	8.3	0.32
Above Knopp Creek	1.45	8.3	.32
Knopp Creek (on left)	1.45	(4.0)	
Below Knopp Creek	1.45	12.3	.48
Road 035-045	1.01	12.9	.50
Mouth	0	14.8	.57
TL3K GARRETT CREEK (Carroll County)			
Road 070-045	1.24	7.0	
Road 068-045	0.51	* 8.3	
Mouth	0	9.1	
TL3L MOUNTAIN CREEK (Heard, Carroll Counties)			
Above Becks Creek	2.70	5.5	
Becks Creek (on right)	2.70	(5.6)	
Below Becks Creek	2.70	11.1	
GA 5-045	2.61	* 11.2	
Mouth	0	14.4	
TL3M INDIAN CREEK (Near Bowden, Carroll County)			
Road 149-045	17.96	5.0	
Road 140-045	16.91	8.4	
Road 834-045	15.71	* 9.3	
Road 136-045	14.33	* 10.4	
Above Turkey Creek	13.19	11.3	
Turkey Creek (on left) TL3M1 >>> Intake	13.19	(39.9)	

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.

# TL3 TRIBUTARIES TO LITTLE TALLAPOOSA RIVER-Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL3M INDIAN CREEK (Near Bowden, Carroll County)-Continued			
Below Turkey Creek	13.19	51.2	
Road 836-045	11.09	* 53.1	
Above Indian Branch	8.59	55.4	
Indian Branch (on right)	8.59	(4.2)	
Below Indian Branch	8.59	59.6	
GA 166-045	7.45	60.6	
Road 109-045	4.38	* 65.3	
<<< Bowden WPCP	3.82	* 66.2	
Road 837-045	2.51	68.2	
Road 813-045	0.47	72.6	
Mouth	0	72.7	

## TL3M1 TURKEY CREEK (Carroll County)

Inlet to unnamed lake	13.61	3.7	
Above Little Turkey Creek	10.12	7.9	
Little Turkey Creek (on left) TL3M1A	10.12	(5.7)	
Below Little Turkey Creek	10.12	13.6	
GA 16-045	9.79	* 14.3	
Road 198-045	8.81	16.5	
Road 147-045 first crossing	6.75	18.6	
Road 147-045 second crossing	6.10	* 19.7	
Road 175-045	4.90	21.7	2.5
Above Creek	4.42	21.9	2.5
Creek	4.42	(4.0)	
Below Creek	4.42	25.9	2.9
Road 159-045	4.39	* 25.9	2.9
Above Jumpin In (Juniper) Creek	3.35	26.2	3.0
Jumpin In (Juniper) Creek (on right) TL3M1B	3.35	(9.1)	
Below Jumpin In (Juniper) Creek	3.35	35.3	4.0
Road 834-045	3.28	* 35.4	4.0
Above South Branch	2.45	36.8	4.2
South Branch (on left)	2.45	(2.5)	
Below South Branch	2.45	39.3	4.4
Road 123-045	1.55	* 39.5	4.5
GA 100-045	0.16	39.9	4.5
>>> Bowden Intake	0.10	* 39.9	4.5
Mouth	0	39.9	4.5

\* Interpolated drainage area.

( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.



# TL3 TRIBUTARIES TO LITTLE TALLAPOOSA RIVER-Continued

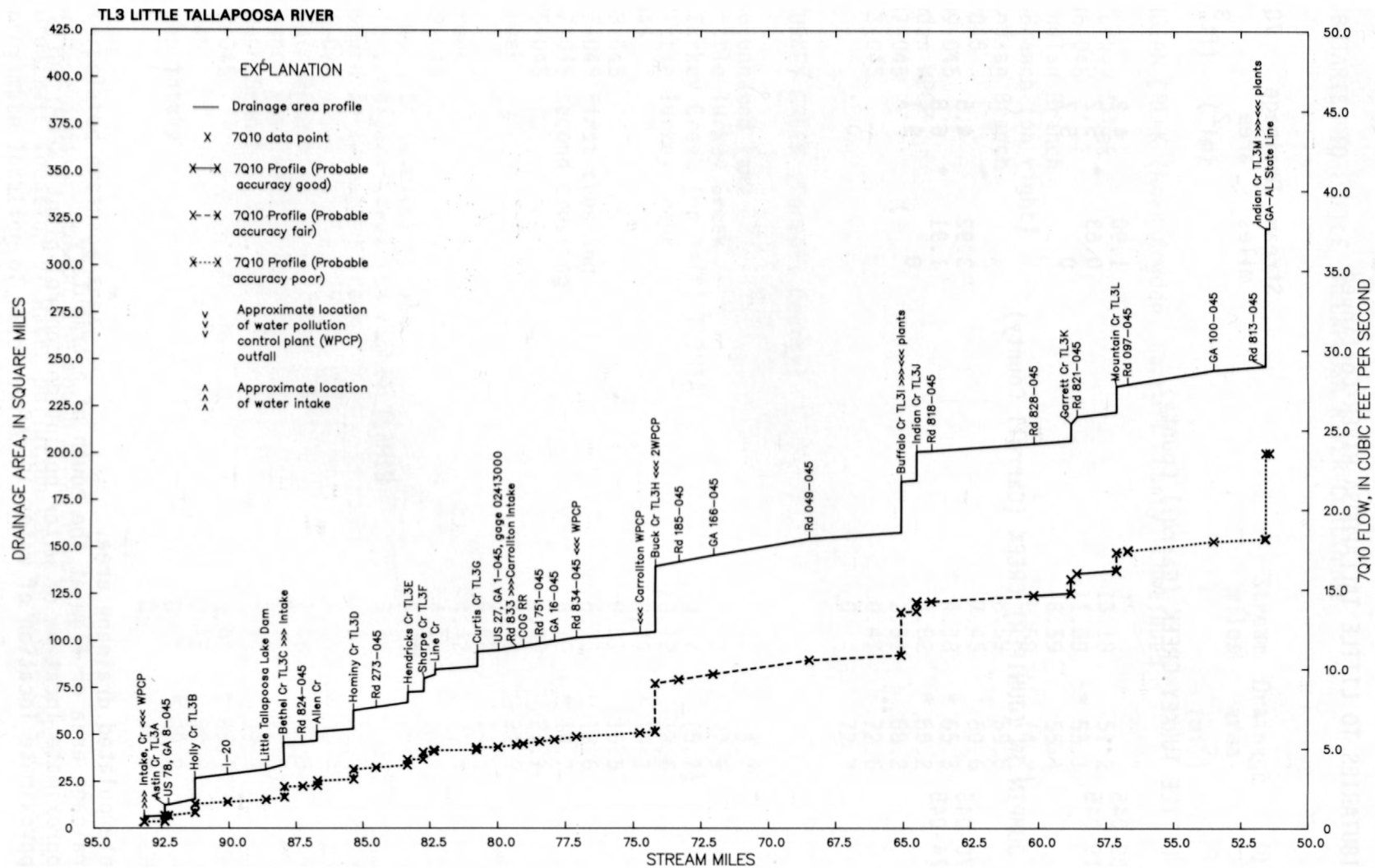
Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
TL3M1A LITTLE TURKEY CREEK (Carroll County)			
Road 209-045	1.90	4.2	
Road 219-045	0.63	* 5.2	
Mouth	0	5.7	
TL3M1B JUMPIN IN (JUNIPER) CREEK (Carroll County)			
Road 170-045	3.92	4.5	
Road 174-045	1.91	* 6.8	
Mouth	0	9.1	

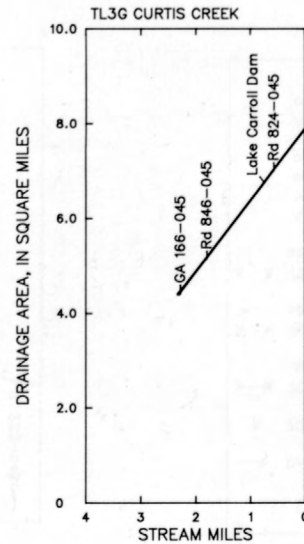
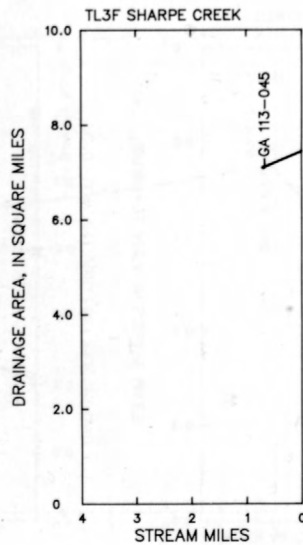
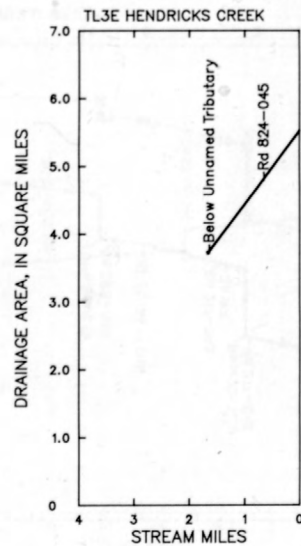
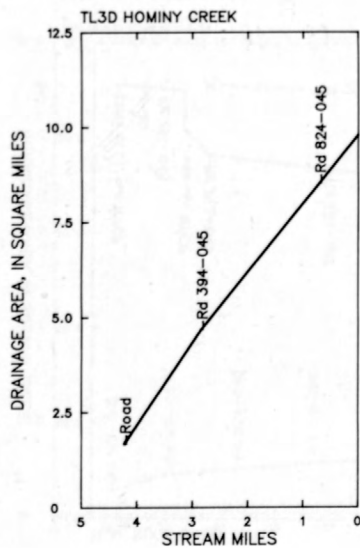
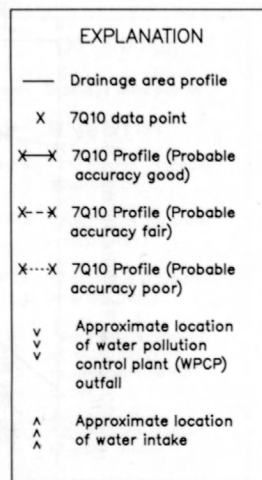
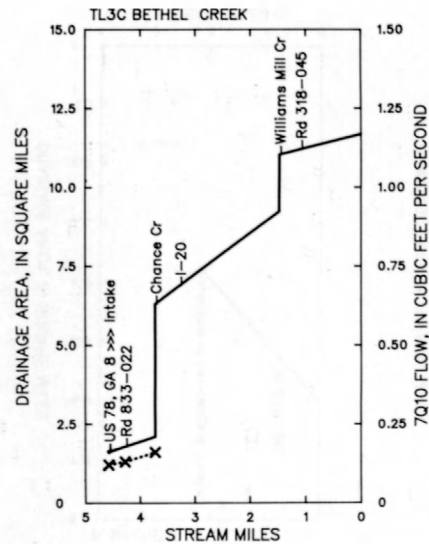
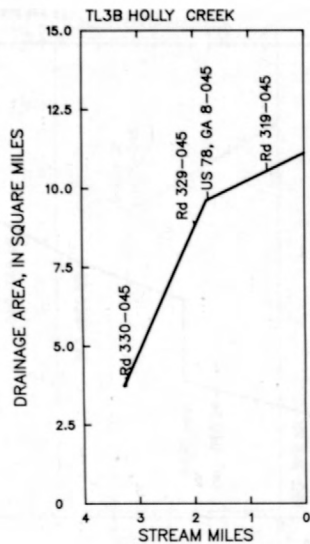
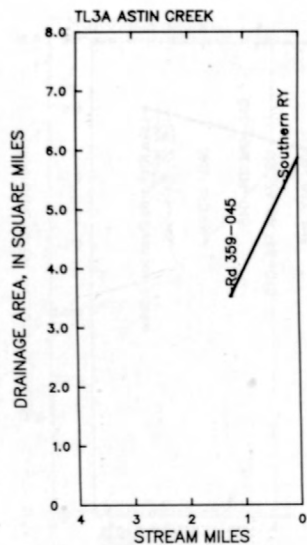
\* Interpolated drainage area.

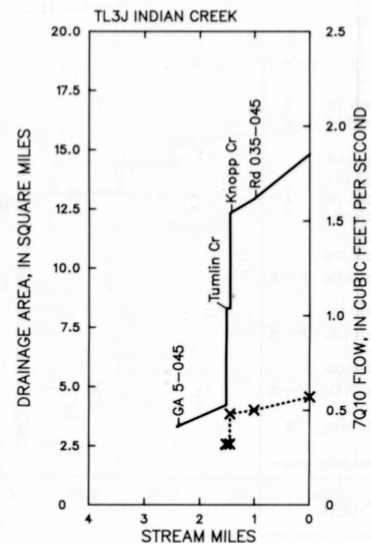
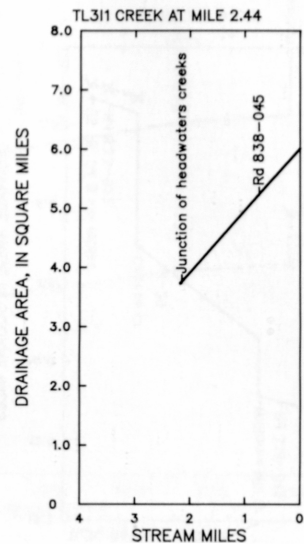
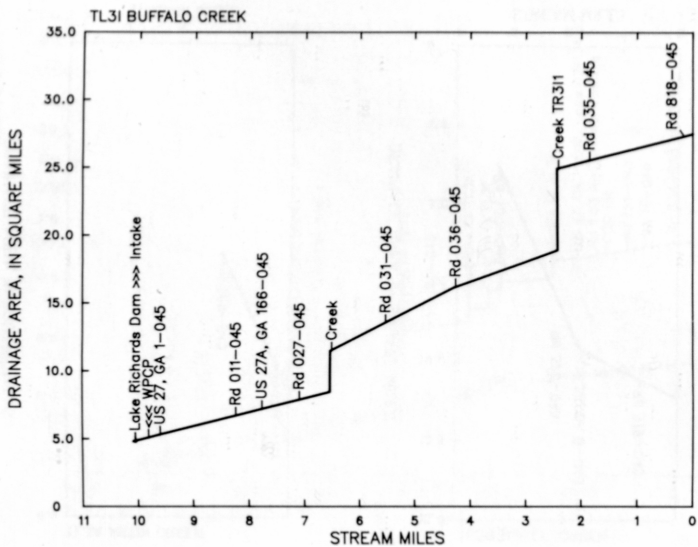
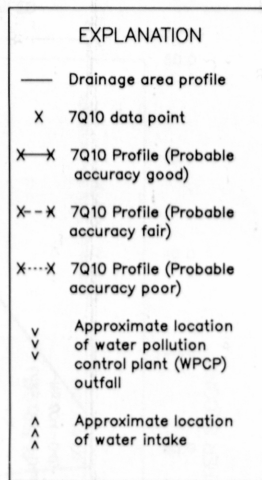
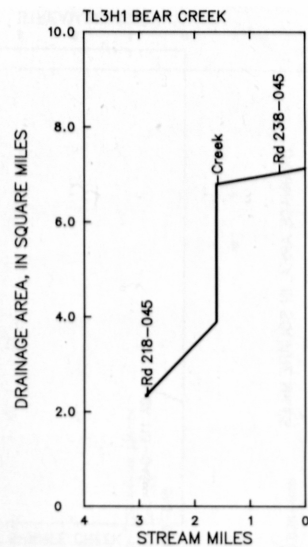
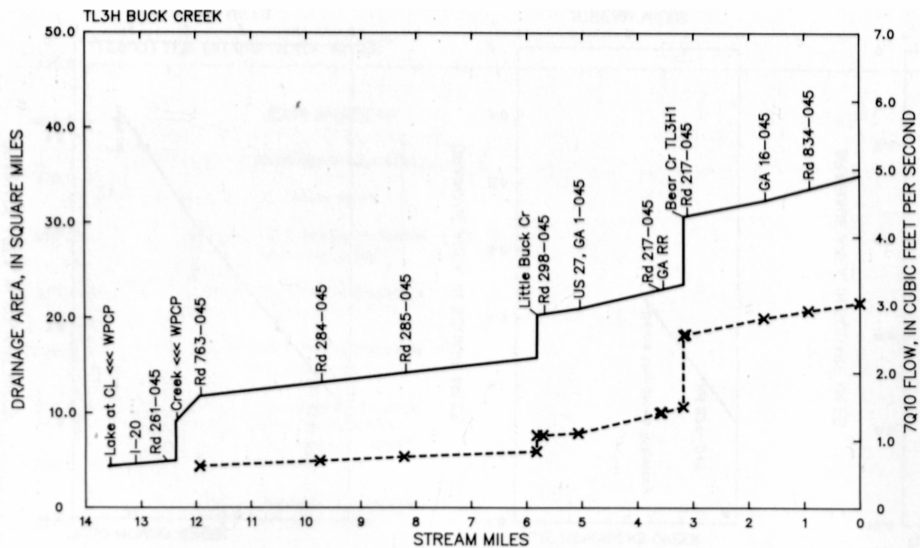
( ) Drainage area or flow at the mouth of a tributary.

<<< Approximate location of water pollution control plant (WPCP) outfall.

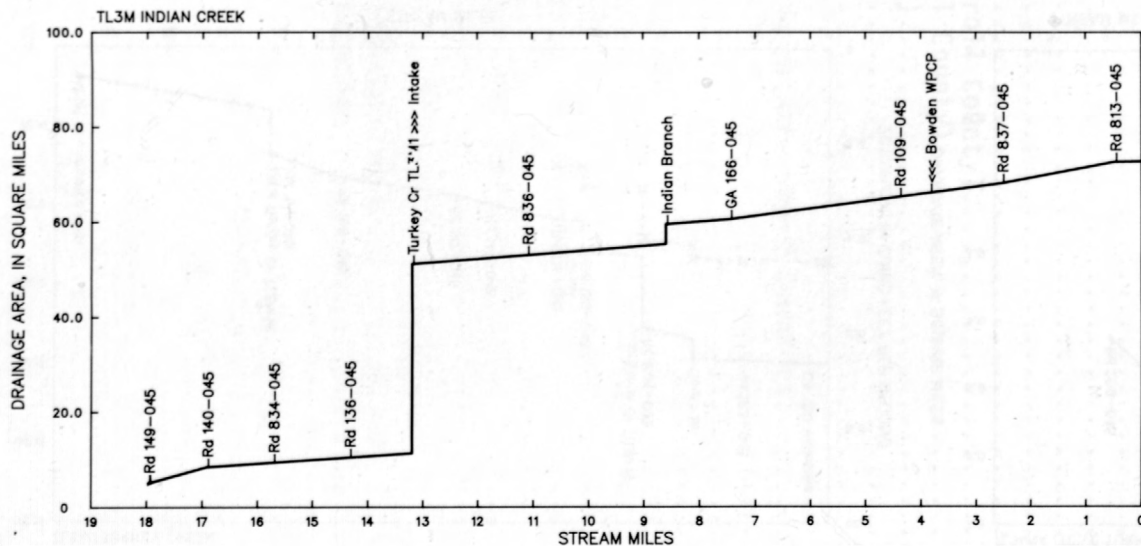
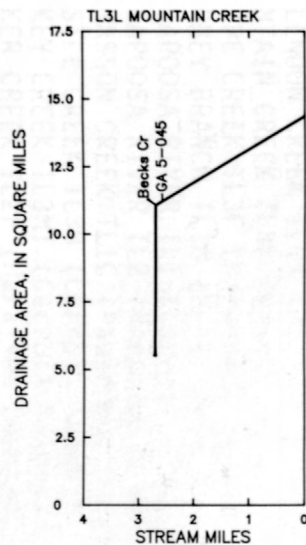
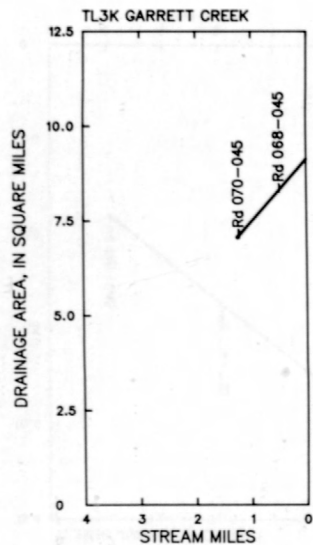
>>> Approximate location of water intake.





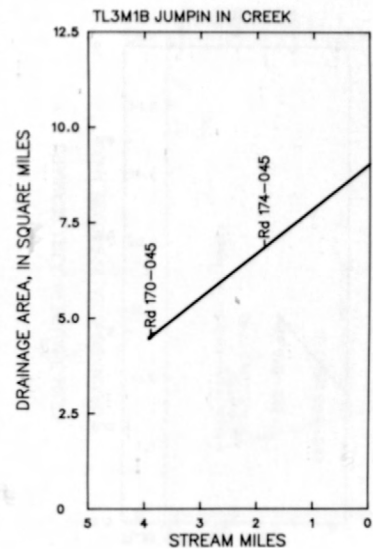
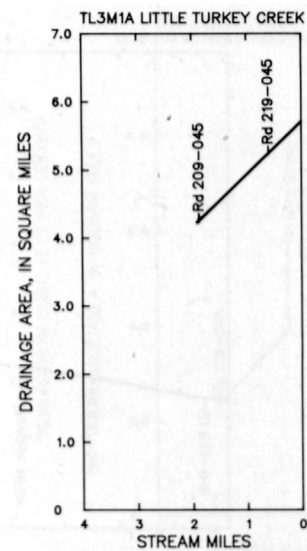
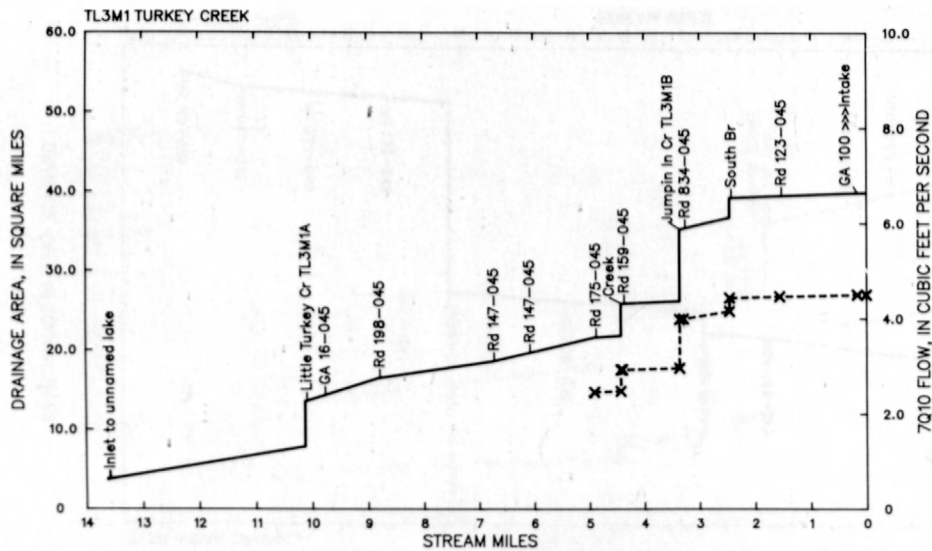






## EXPLANATION

- Drainage area profile
- X 7Q10 data point
- X—X 7Q10 Profile (Probable accuracy good)
- X--X 7Q10 Profile (Probable accuracy fair)
- X---X 7Q10 Profile (Probable accuracy poor)
- v  
v  
v Approximate location of water pollution control plant (WPCP) outfall
- ^  
^  
^ Approximate location of water intake



## EXPLANATION

- Drainage area profile
- X 7Q10 data point
- X—X 7Q10 Profile (Probable accuracy good)
- X--X 7Q10 Profile (Probable accuracy fair)
- X...X 7Q10 Profile (Probable accuracy poor)
- ∨ ∨ ∨ Approximate location of water pollution control plant (WPCP) outfall
- ^ ^ ^ Approximate location of water intake

# ALPHABETICAL INDEX

ASTIN CREEK TL3A (Carroll County).....	28,35
BAXTER CREEK TL1E1 (Haralson County).....	13,17
BEACH CREEK TL2B (Haralson County).....	20,24
BEAR CREEK TL3H1 (Carroll County).....	30,36
BETHEL CREEK TL3C (Haralson, Carroll Counties).....	28,35
BIG CREEK TL2A (Haralson County).....	20,24
BROOKS CREEK TL1B (Carroll, Haralson Counties).....	12,16
BUCK CREEK TL3H (Haralson, Carroll Counties).....	29,36
BUFFALO CREEK TL3I (Carroll County).....	30,36
COCHRAN CREEK TL1F (Haralson County).....	14,17
CURTIS CREEK TL3G (Carroll County).....	29,35
GARRETT CREEK TL3K (Carroll County).....	31,37
GREENE CREEK TL2C (Haralson County).....	21,24
HENDRICKS CREEK TL3E (Carroll County).....	29,35
HOLLY CREEK TL3B (Carroll County).....	28,35
HOMINY CREEK TL3D (Carroll County).....	28,35
INDIAN CREEK TL3J (Near Roopville, Carroll County).....	31,36
INDIAN CREEK TL3M (Near Bowden, Carroll County).....	31,37
JUMPIN IN CREEK TL3M1B (Carroll County).....	33,38
JUNIPER CREEK TL3M1B (Carroll County).....	33,38
LITTLE CREEK TL2E (Haralson County).....	21,25
LITTLE RIVER TL1E (Haralson County).....	13,17
LITTLE TALLAPOOSA RIVER TL3 (Carroll, Haralson, Heard Counties).....	26,35
LITTLE TURKEY CREEK TL3M1A (Carroll County).....	33,38
MANN CREEK TL2D (Haralson County).....	21,24
MCCLENDON CREEK TL1A (Paulding County).....	12,16
MOUNTAIN CREEK TL3L (Heard, Carroll Counties).....	31,37
SHARPE CREEK TL3F (Haralson, Carroll Counties).....	29,35
SWINNEY BRANCH TL1D (Polk, Haralson Counties).....	13,16
TALLAPOOSA RIVER TL1 (Carroll, Paulding, Haralson Counties).....	10,15
TALLAPOOSA RIVER TL2 (Haralson County).....	18,23
THOMASSON CREEK TL1C (Paulding, Haralson Counties).....	12,16
TRESTLE CREEK TL3B (Carroll County).....	28,35
TURKEY CREEK TL3M1 (Carroll County).....	32,38
WALKER CREEK TL2F (Haralson County).....	21,25
WATER MILL CREEK TL1C (Paulding, Haralson Counties).....	12,16
WEBSTER CREEK TL3C (Haralson, Carroll Counties).....	28,35









USGS LIBRARY RESTON



3 1818 00011769 5