

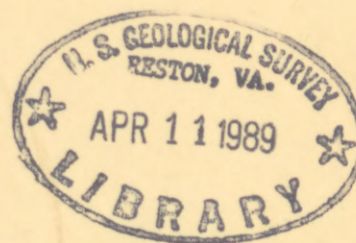
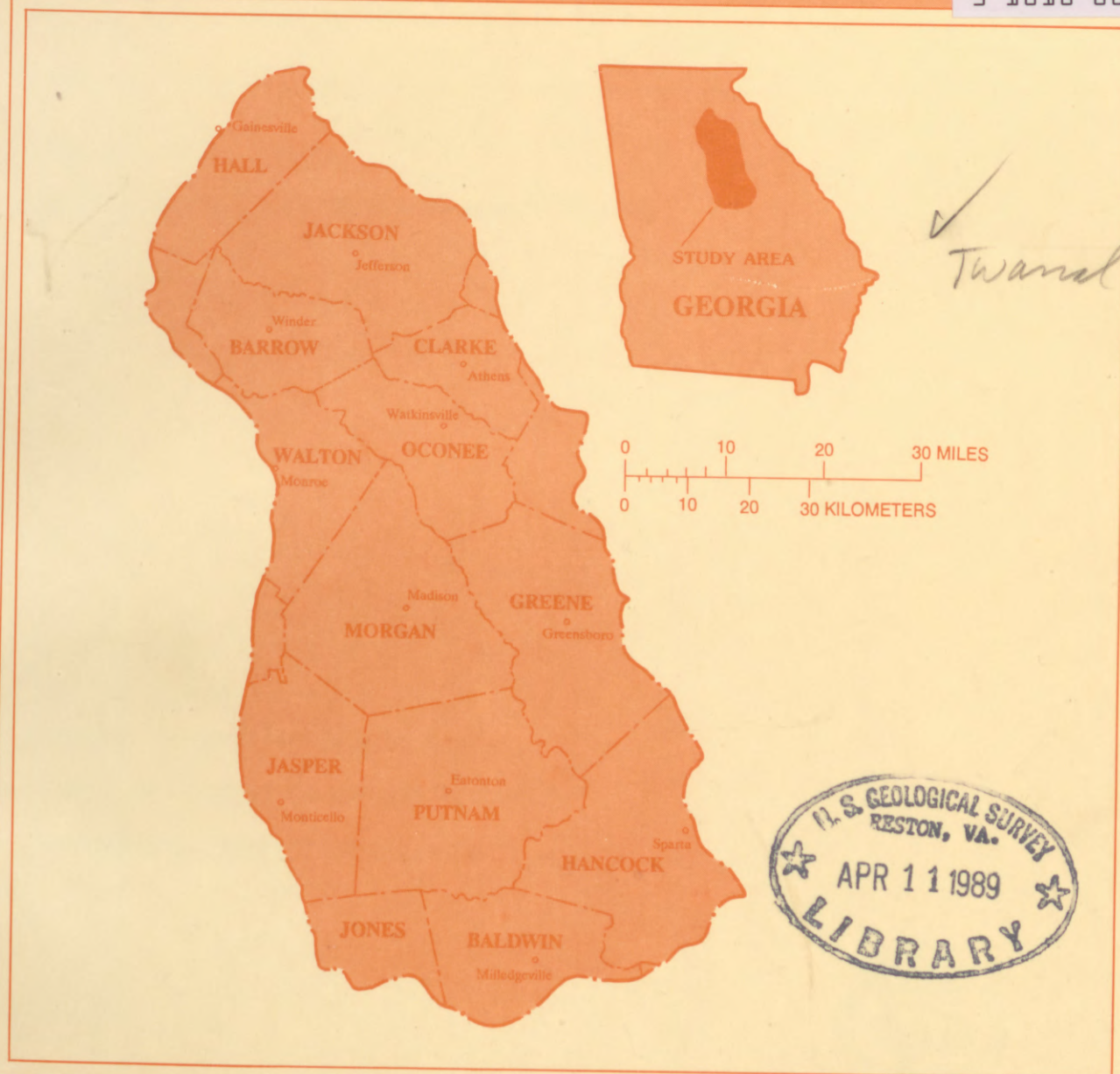
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no. 88-4048

# LOW-FLOW PROFILES OF THE UPPER OCONEE 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 88-4048





LOW-FLOW PROFILES OF THE UPPER OCONEE RIVER  
AND TRIBUTARIES IN GEORGIA

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

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Doraville, Georgia

1988

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## CONVERSION FACTORS

Factors for converting inch-pound units published herein to the 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 UPPER OCONEE RIVER AND TRIBUTARIES IN GEORGIA

By

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 from potential new industries without exceeding the limits of State water-quality standards. The report is the second 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 Oconee 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 graphically as "low-flow profiles" (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 other than natural flow conditions. The 7-day minimum-flow profile was omitted for stream reaches where natural flow was known to be altered significantly.

## INTRODUCTION

The Oconee River and tributaries in the area from the headwaters to the Fall Line are used for water supply and waste disposal. Tributary streams have relatively low flows during drought periods and 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 made by the U.S. Geological Survey as part of a 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 Upper Oconee River and tributaries in Georgia 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 second in a series of reports that will cover all stream basins north of the Fall Line in Georgia. It includes the Oconee River basin down to and including Camp Creek at stream mile 134.53, Town Creek in Baldwin and Hancock Counties down to County Road 213-141, and Buffalo Creek in Hancock County down to the Hancock-Washington County line.

### 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" 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 using 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. For this study, the low-flow frequency characteristics were defined only for unregulated streams.

## Revision of Published Low-Flow Data

Some reanalysis of the basic data was made for this study, but only one site was found where revision of a previously published figure seemed to be warranted. For the gaging station 02220550, Whitten Creek near Sparta, Ga., a 7Q10 figure of 0.08 ft<sup>3</sup>/s is shown in profile OC12B. This value is revised from 0.88 ft<sup>3</sup>/s, as shown in Carter and Putnam (1978) on the basis of the longer flow record now available.

### METHOD OF ANALYSIS

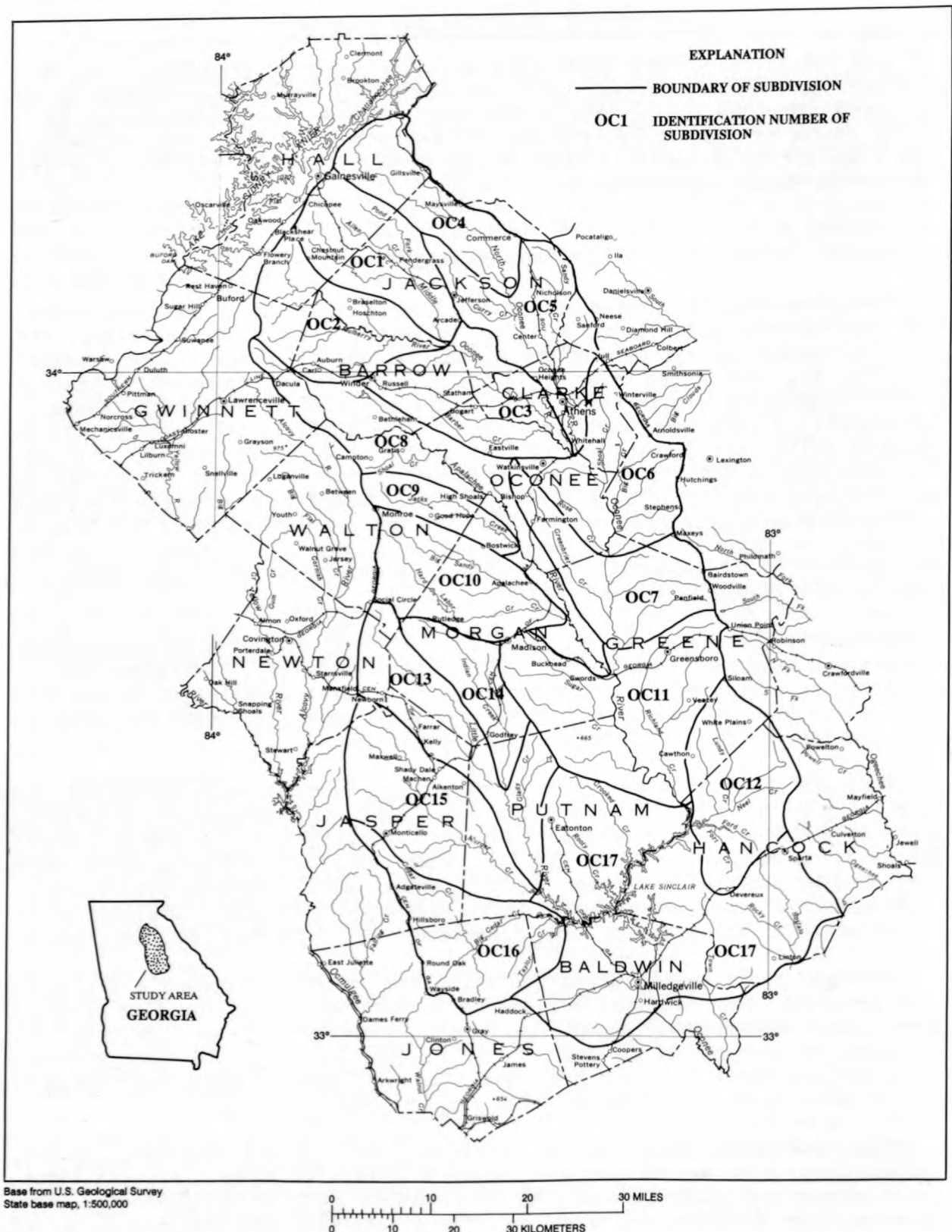
For convenience in presentation, the Oconee River basin was subdivided. Most subdivisions consist of a large tributary and its tributaries. The principal numbering system for these subdivisions is shown on the location map (fig. 1). The Oconee River basin has 17 subdivisions numbered OC1 through OC17. Tributaries within these areas are identified by additional symbols. For example, a tributary to Murder Creek in the subdivision numbered OC15 is numbered OC15B, and a tributary to that stream is numbered OC15B1. 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, Monticello Road (Road 295) in Putnam County (County 237) is identified as 295-237.

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. Mileages on the main stem of the Oconee River below the Milledgeville gage (02223000) are based on data provided by the U.S. Army Corps of Engineers.

Drainage areas at successive sites along a channel 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). Some 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.



**Figure 1.--Subdivisions of the Upper Oconee River basin, Georgia.**



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 permits easy detection of anomalies and elimination of major errors.

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 flow 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 a stream that vary 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. The 7-day, 10-year minimum-flow profile was omitted if the natural flow was altered significantly. For example, flow profiles are not shown for the Oconee River below the mouth of Fishing Creek in Lake Oconee in Greene County.

## 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).

Streamflow data also are subject to time-sampling error, which depends on whether flow data were observed in a period of above-average or below-average base-flow conditions. The average standard errors of estimate due to time-sampling errors can be computed by methods described by Hardison (1969).

### 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 were 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.

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## 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 Upper Oconee River basin in 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. Unless otherwise noted, stream miles on streams presently submerged in a reservoir have been measured from their former mouths.

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# OC1 MIDDLE OCONEE RIVER TO ABOVE MULBERRY RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC1 MIDDLE OCONEE RIVER TO ABOVE MULBERRY RIVER			
Note: Allen Creek is head of Middle Oconee River			
Allen Creek at Marlow Drive 719-139	53.11	1.9	
Baker Road 756-139	48.84	9.7	2.0
Roy Parks Road 757-139	47.47	11.1	2.3
Fuller Road 770-139	46.24	15.2	2.9
Hall-Jackson County Line	45.46	16.6	3.1
US 129, GA 11-157, Gage 02217000	44.44	18.2	3.3
<<< Wayne Poultry WPCP	40.20	* 22.9	3.7
Road 426-157	40.12	23.0	3.7
Above Pond Fork Creek	38.43	25.4	3.8
Pond Fork Creek (on left) OC1A	38.43	(28.8)	(3.1)
Below Pond Fork Creek (Middle Oconee River begins)	38.43	54.2	6.9
Above Opossum Creek	38.31	54.1	6.9
Opossum Creek (on left) OC1B	38.31	(6.3)	
Below Opossum Creek	38.31	60.4	7.4
US 129, GA 11-157	37.71	61.0	7.4
Interstate 85	37.30	61.4	7.4
Seaboard Coast Line Railroad	37.10	* 62.1	7.5
Above Walnut Creek	36.36	64.5	7.6
Walnut Creek (on right) OC1C	36.36	(55.3)	
Below Walnut Creek	36.36	120	11.1
Road 217-157	35.71	120	11.1
Above Doster Creek	34.47	123	11.3
Doster Creek (on right) OC1D	34.47	(6.8)	
Below Doster Creek	34.47	130	11.7
GA 11-157	32.62	135	12.0
<<< Jefferson Mills WPCP	32.32	*136	12.2
Road 143-157	31.27	139	12.7
Above Buffalo Creek	29.87	140	12.8
Buffalo Creek (on right) OC1E	29.87	(5.4)	
Below Buffalo Creek	29.87	145	13.7
GA 319-157	27.36	*147	14.0
Above junction with Mulberry River	27.17	147	14.1

\* 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.

# OC1 TRIBUTARIES TO MIDDLE OCONEE -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC1A POND FORK (Hall, Jackson Counties)			
Barrett Road 779-139	9.92	1.8	
Greggs Road 778-139	9.53	3.8	
Mangram Mill Road 773-139	8.06	5.3	
Hall-Jackson County Line	7.16	8.7	
Above East Pond Fork	6.23	9.2	
East Pond Fork (on left) OC1A1	6.23	(6.5)	
Below East Pond Fork	6.23	15.7	1.7
Road 246-157	4.91	17.7	1.9
GA 346-157	3.97	22.3	2.4
Road 426-157	1.69	27.5	3.0
Mouth	0	28.8	3.1
OC1A1 EAST POND FORK (Hall, Jackson Counties)			
Campbell Road 787-139	3.83	1.3	
Road 1042-139	3.60	1.5	
Three Bridges Road 773-139	1.76	4.1	
Hall-Jackson County Line	.80	5.4	
Road 248-157	.40	6.3	
Mouth	0	6.5	
OC1B OPOSSUM CREEK (Jackson County)			
Road 229-157	1.15	5.2	
Mouth	0	6.3	
OC1C WALNUT CREEK (Hall, Jackson Counties)			
Calvary Church Rd 715-139 >>> Intake upstream	19.97	6.3	
Lee Land Road 704-139	18.87	8.9	
Webb Girth Road 711-139	18.25	9.4	
GA 332-139	16.87	13.2	
Road 861-139	13.79	* 15.9	
Tanners Mill Road, GA 211-139	13.24	16.3	
Above Caney Creek	13.22	16.3	
Caney Creek (on right) OC1C1	13.22	(8.8)	
Below Caney Creek	13.22	25.1	
Hall-Jackson County Line	11.97	26.3	

\* 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.

OC1 TRIBUTARIES TO MIDDLE OCONEE -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC1C WALNUT CREEK (Hall, Jackson Counties) -- Continued			
Road 184-157	11.88	26.3	
Above Lott Creek	8.96	29.7	
Lott Creek (on right)	8.96	(3.8)	
Below Lott Creek	8.96	33.5	
Road 187-157	8.32	33.7	
Road 433-157	7.36	* 35.3	
Road 367-157	6.89	* 36.1	
GA 60-157	5.52	38.5	
Above Creek	5.07	38.7	
Creek (on left)	5.07	(3.8)	
Below Creek	5.07	42.5	
Road 425-157	3.81	43.7	
Above Mountain Creek	2.69	44.5	
Mountain Creek	2.69	(4.5)	
Below Mountain Creek	2.69	49.0	
GA 332-157	2.03	52.4	
Interstate 85	1.19	54.2	
Mouth	0	55.3	

OC1C1 CANEY CREEK (Hall County)

Mill Road 695-139	5.90	1.1	
Pine Vale Road 688-139	4.52	* 3.0	
East Reed Road 687-139	4.17	3.5	
Road 861-139	.92	* 7.7	1.0
Tanners Mill Road, GA 211-139	.71	* 7.9	1.0
Mouth	0	8.8	1.2

OC1D DOSTER CREEK (Jackson County)

Road 156-157	2.26	3.4	
Mouth	0	6.8	

- \* 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.



# OC1 TRIBUTARIES TO MIDDLE OCONEE -- Continued

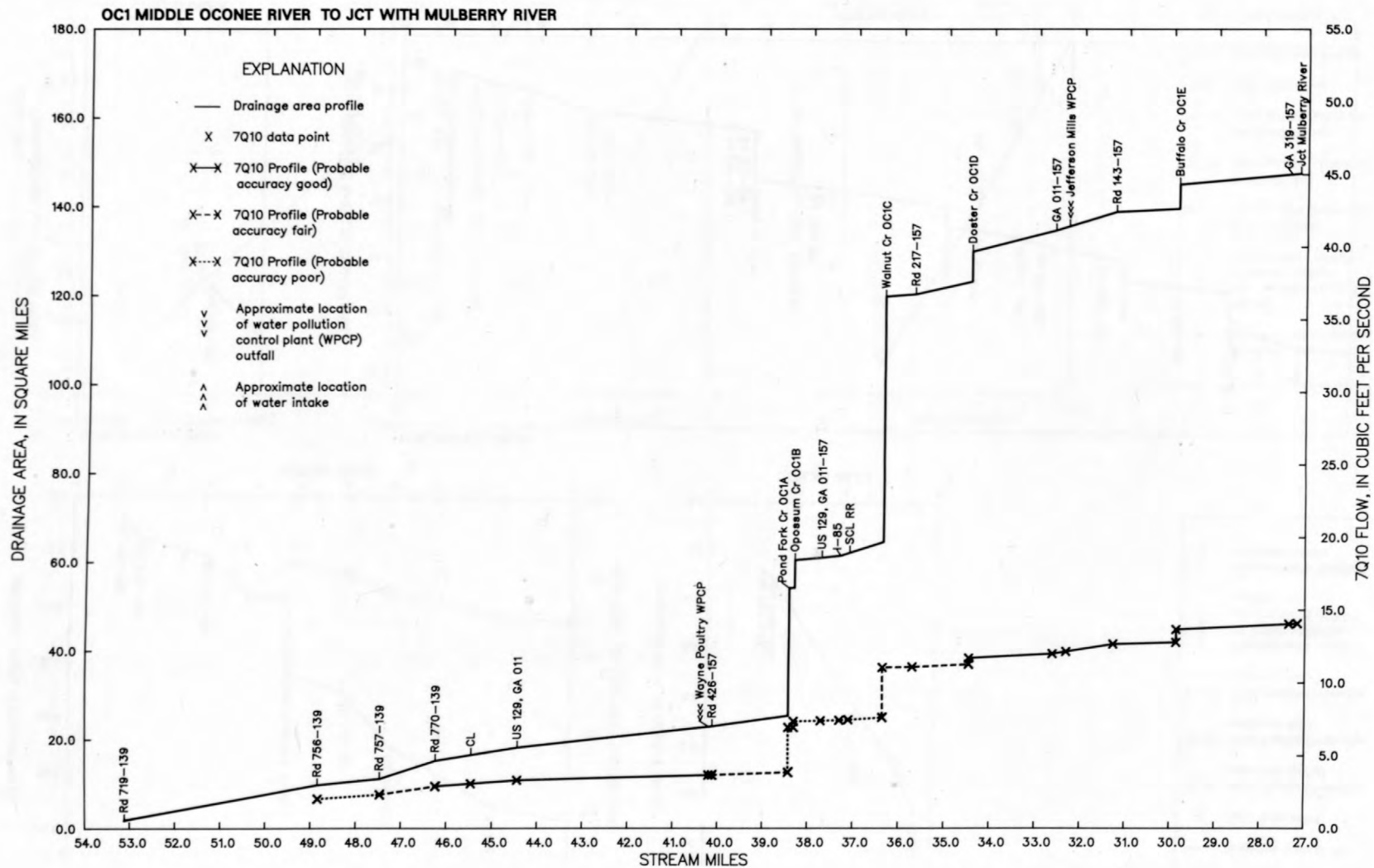
Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC1E BUFFALO CREEK (Jackson County)			
Road 150-157	4.20	0.40	
GA 11-157	2.06	2.9	
Road 147-157	1.25	*	3.9
Road 143-157	.78	*	4.5
Mouth	0		5.4

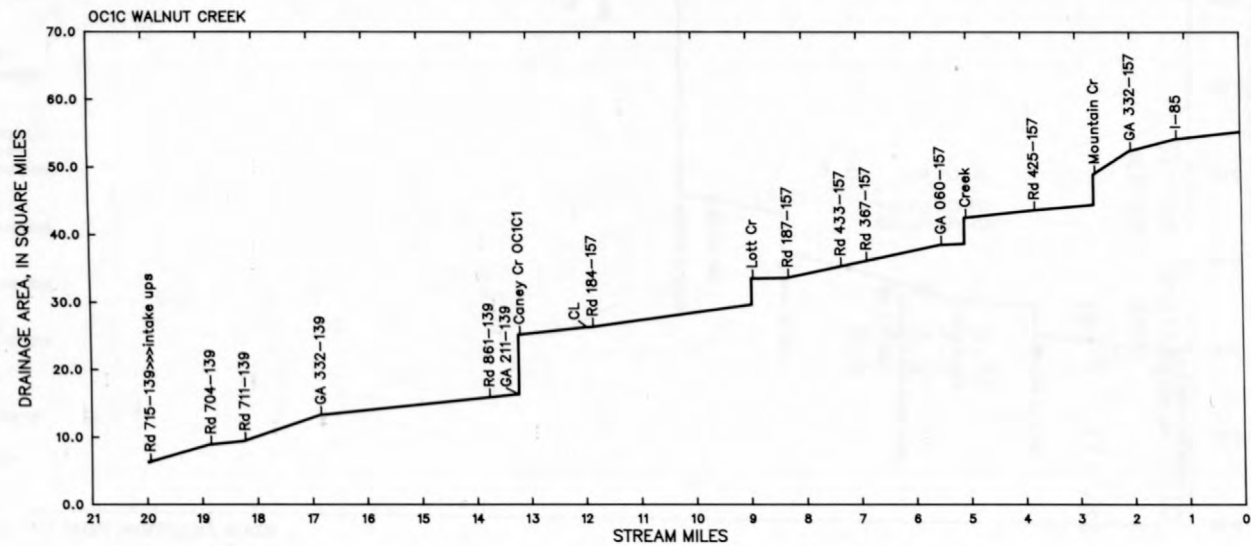
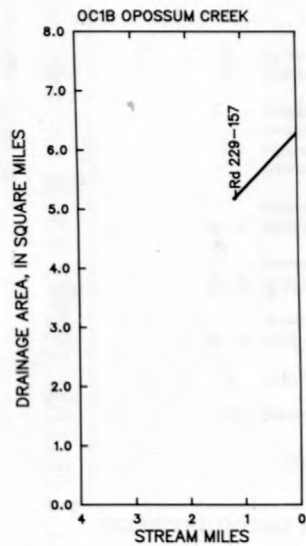
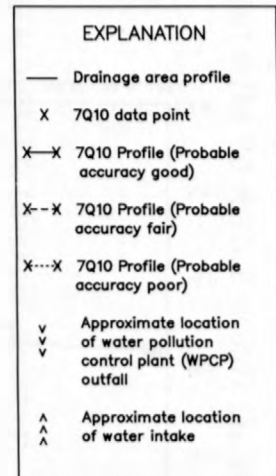
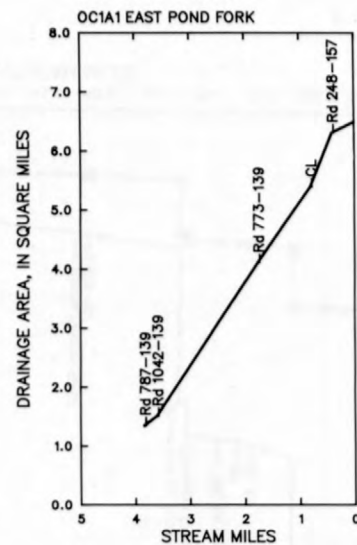
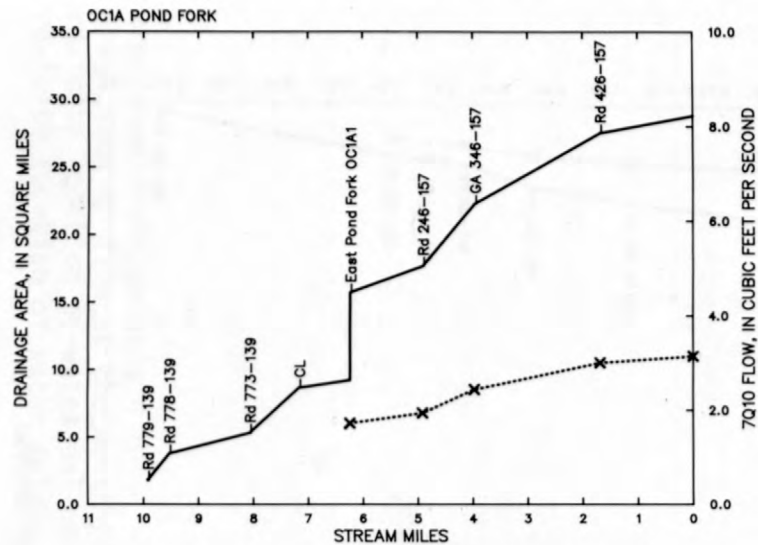
\* Interpolated drainage area.

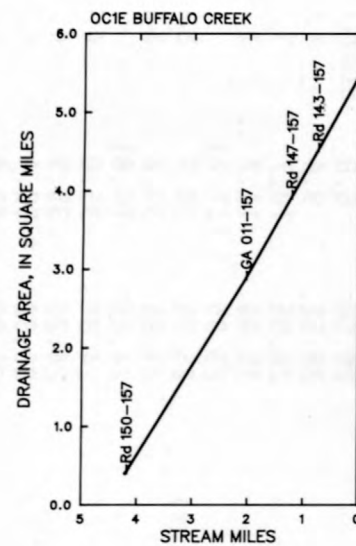
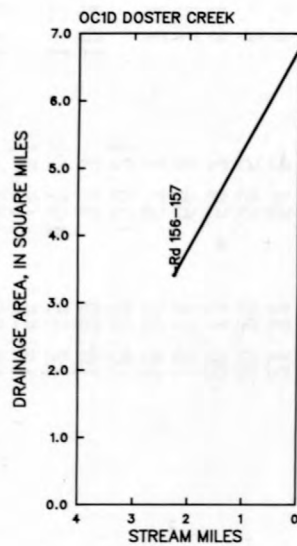
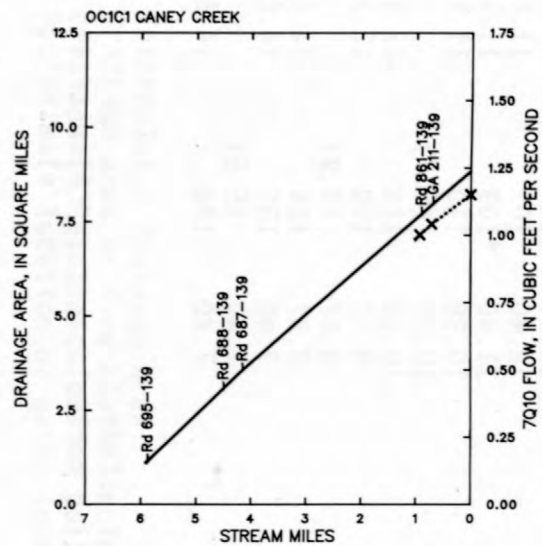
( ) Drainage area or flow at the mouth of a tributary.

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

>>> Approximate location of water intake.







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
^	
^	



# OC2 MULBERRY RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC2 MULBERRY RIVER (Hall, Gwinnett, Barrow, Jackson Counties)			
Note: Mulberry Creek is head of Mulberry River			
Mulberry Creek at Road 1423-139	32.35	2.5	
Road 634-139	29.56	6.8	0.89
Road 1297-139	28.52	9.4	1.2
Measurement site	26.95	10.7	1.4
Above Sherwood Creek	25.95	11.7	1.5
Sherwood Creek (on right) OC2A	25.95	(17.2)	
Below Sherwood Creek (Mulberry River begins)	25.95	28.9	3.6
Above Deaton Creek	24.85	30.2	3.8
Deaton Creek (on left)	24.85	(4.8)	
Below Deaton Creek	24.85	35.0	4.4
GA 211-139	24.26	35.9	4.5
Hall-Gwinnett-Barrow-Jackson County Line	23.32	* 38.4	4.8
Road 050-013	21.88	42.4	5.1
Above Duncan Creek	21.32	42.5	5.2
Duncan Creek (on right) OC2B	21.32	(12.3)	
Below Duncan Creek	21.32	54.8	6.4
Interstate 85	20.20	59.5	6.9
GA 124-139	20.12	* 59.7	6.9
Road 045-013	18.14	66.3	7.5
Above Little Mulberry River	16.89	67.1	7.6
Little Mulberry River (on right) OC2C	16.89	(30.2)	
Below Little Mulberry River	16.89	97.3	10.6
Above Rocky Creek	12.55	101	11.0
Rocky Creek	12.55	(5.7)	
Below Rocky Creek	12.55	107	11.6
GA 53-013	12.40	107	11.6
>>> Winder Intake	11.40	*109	11.7
Above Indian Creek	10.28	110	11.9
Indian Creek (on left) OC2D, <<< WPCP	10.28	(8.7)	
Below Indian Creek	10.28	119	12.7
Above Cedar Creek	8.57	120	12.7
Cedar Creek (on right) OC2E, <<< WPCP	8.57	(13.9)	
Below Cedar Creek	8.57	134	14.0
Above Creek	7.40	135	14.0
Creek OC2F	7.40	(5.5)	
Below Creek	7.40	140	14.5

\* 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.

# OC2 MULBERRY RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC2 MULBERRY RIVER -- Continued (Hall, Gwinnett, Barrow, Jackson Counties)			
GA 11-013	6.45	142	14.7
Road 237-013	4.01	148	15.2
GA 319-013	.42	157	16.0
Mouth	0	157	16.0

\* 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.

# OC2 TRIBUTARIES TO MULBERRY RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC2A SHERWOOD CREEK (Gwinnett, Hall Counties)			
Road 139-135	4.56	2.3	0.25
Road 120-135	4.33	*	2.7
Road 131-135	3.97	3.2	.29
Gwinnett-Hall County Line	3.35	*	4.1
Road 1301-139	3.00	4.5	.35
Road 1287-139	1.58	*	6.0
Above Lollis Creek	1.16	6.5	.64
Lollis Creek (on left) OC2A1	1.16	(10.1)	.81
Below Lollis Creek	1.16	16.6	1.4
Mouth	0	17.2	1.5
OC2A1 LOLLIS CREEK (Hall County)			
Road 651-139	3.60	1.2	
Looper Lake	2.43	*	3.2
Above Mitchell Creek	1.61	4.6	
Mitchell Creek (on right)	1.61	(4.7)	
Below Mitchell Creek	1.61	9.3	
Road 1287-139	1.05	*	9.6
Mouth	0	10.1	
OC2B DUNCAN CREEK (Gwinnett, Hall, Barrow Counties)			
Road 147-135	7.17	1.4	
Gwinnett-Hall County Line	5.21	*	2.9
Road 1287-139	5.03	3.0	
Hall-Gwinnett County Line	4.01	*	3.9
Gwinnett-Barrow County Line	1.89	*	5.8
Above Wheeler Creek	1.58	6.1	
Wheeler Creek (on right)	1.58	(4.9)	
Below Wheeler Creek	1.58	11.0	
GA 211-139	.57	*	11.8
Mouth	0	12.3	
OC2C LITTLE MULBERRY RIVER (Gwinnett, Barrow Counties)			
Road 225-135	9.12	2.8	
Road 222-135	7.73	6.6	0.69

\* 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.

# OC2 TRIBUTARIES TO MULBERRY RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC2C LITTLE MULBERRY RIVER (Gwinnett, Barrow Counties) -- Continued			
Moriah Road 1943-135	6.07	9.6	1.0
Gwinnett-Barrow County Line	5.68	* 10.4	1.1
Road 038-013	4.22	13.3	1.4
Road 042-013	2.88	15.5	
Above Rock Creek	2.00	16.2	
Rock Creek (on right) OC2C1	2.00	(11.6)	
Below Rock Creek	2.00	27.8	
Road 268-013	1.61	28.2	
GA 211-013	1.52	* 28.4	
Mouth	0	30.3	

## OC2C1 ROCK CREEK (Gwinnett, Barrow Counties)

Road 328-013	4.42	4.2	0.21
Road 057-013	3.68	* 5.4	.27
Road 038-013	2.11	* 8.2	.40
Road 042-013	.50	10.9	
Mouth	0	11.6	

## OC2D INDIAN CREEK (Jackson County)

Road 171-157	5.21	1.2	
GA 332-157	4.09	3.2	
Above Sell Creek	3.56	4.3	
Sell Creek <<< Hoschton WPCP	3.56	(1.5)	
Below Sell Creek	3.56	5.8	
Road 168-157	3.21	5.9	
Road 421-157	2.03	7.1	
Road 167-157	.86	8.0	
Mouth	0	8.7	

## OC2E CEDAR CREEK (Barrow County)

GA 211-013	7.79	4.6	
Lake >>> Winder Intake	5.89	* 5.6	
Road 331-013	4.66	6.2	
Road 011-013	3.83	* 7.9	
<<< Cedar Creek WPCP	2.80	* 10.0	

\* Interpolated drainage area.

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

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

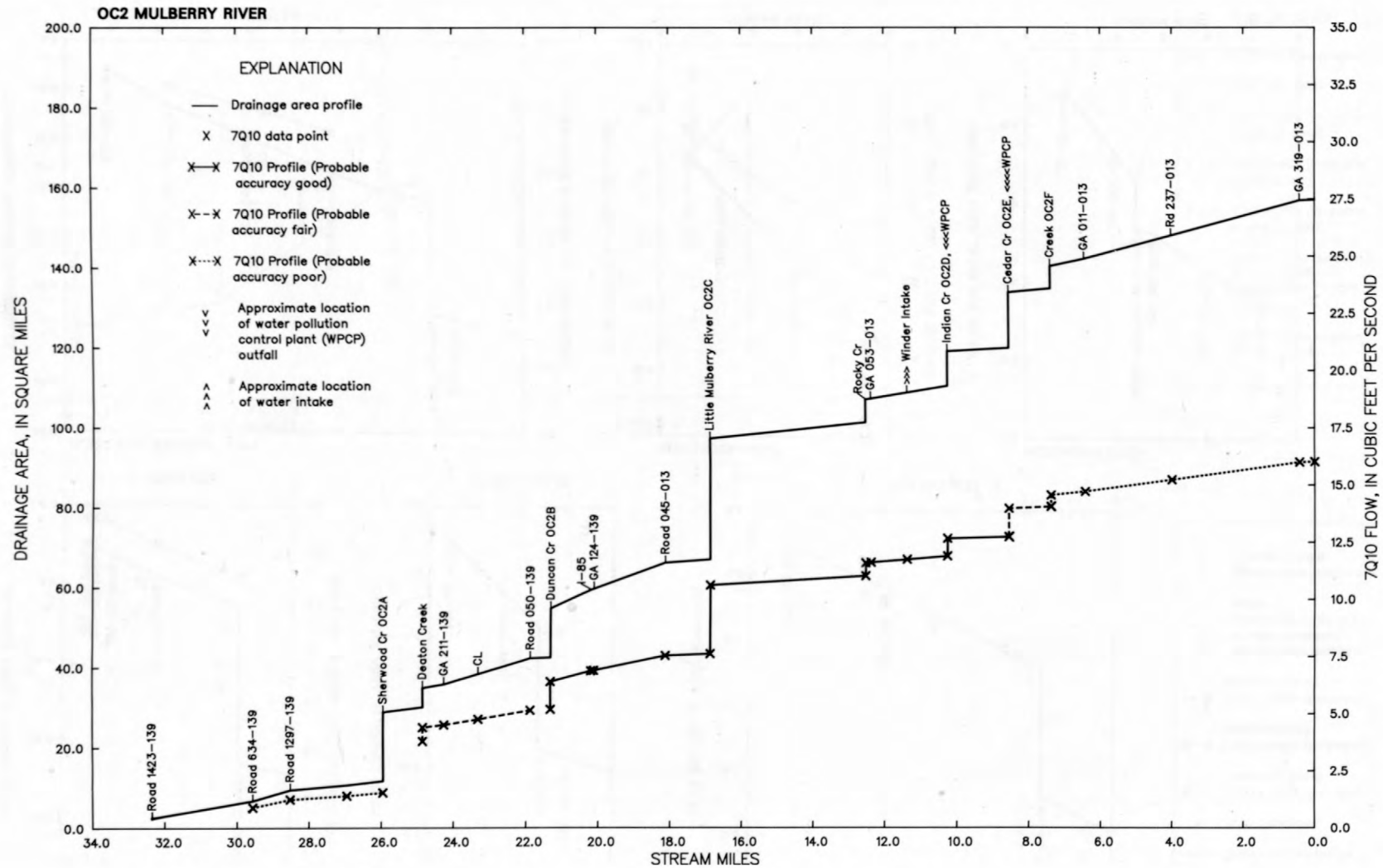
>>> Approximate location of water intake.

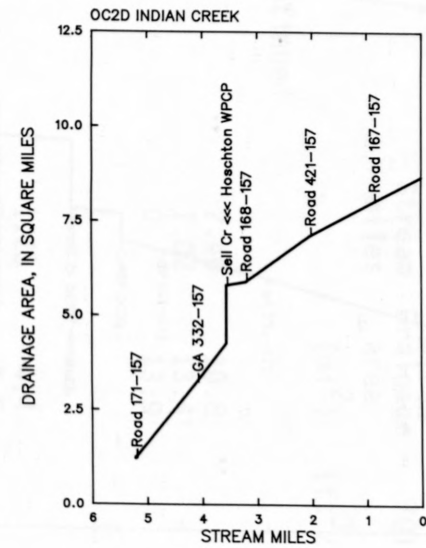
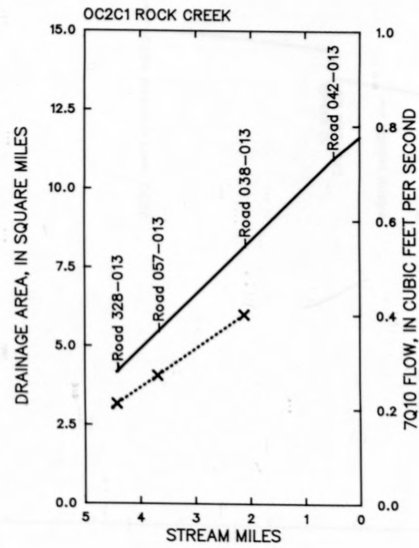
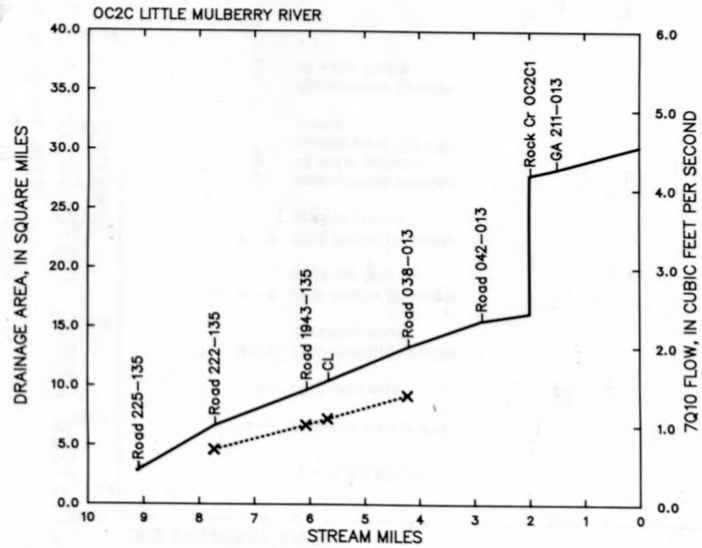
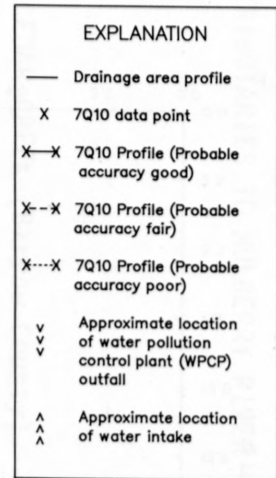
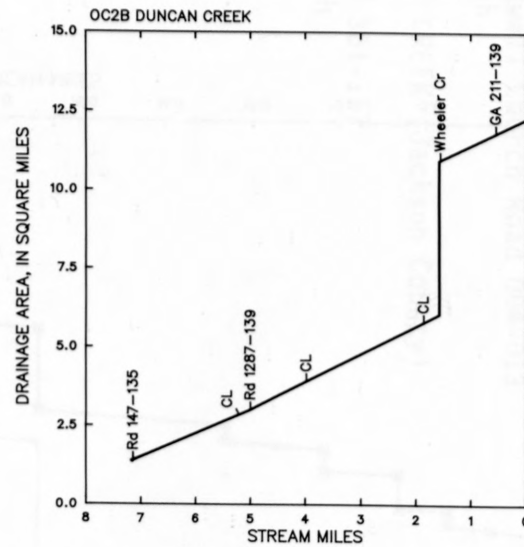
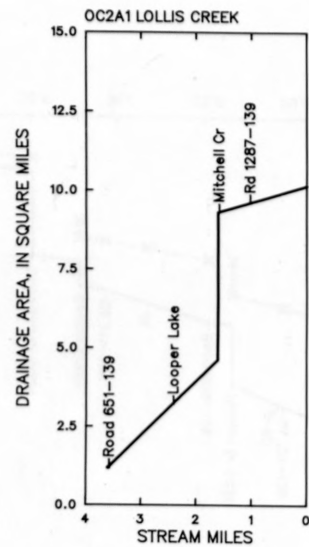
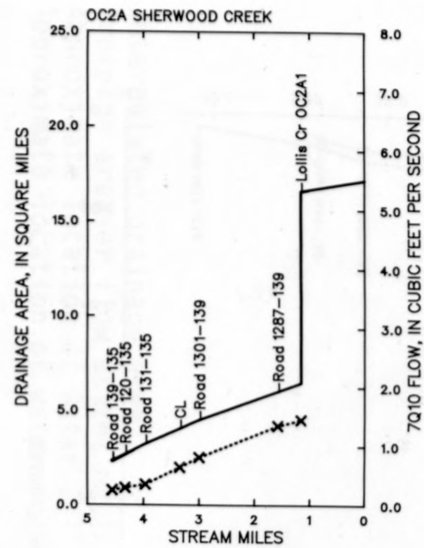


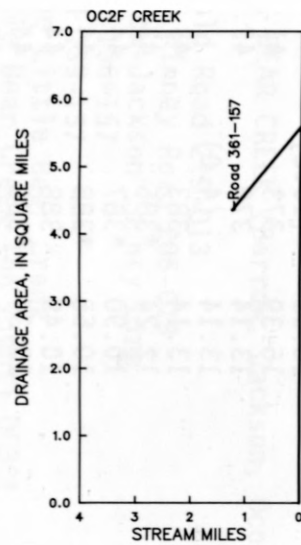
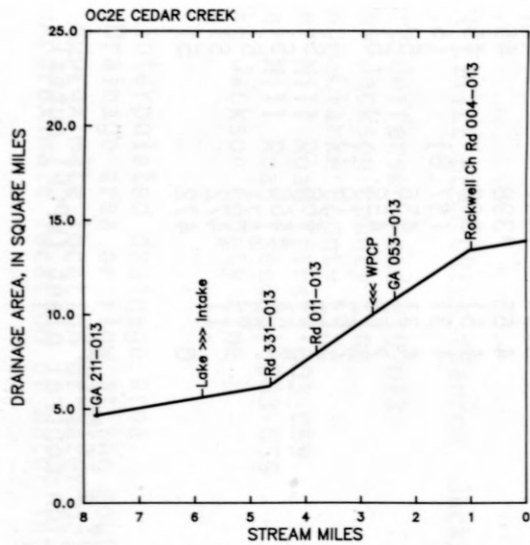
# OC2 TRIBUTARIES TO MULBERRY RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC2E CEDAR CREEK (Barrow County) -- Continued			
GA 53-013, Gainesville Highway	2.40	10.8	
Rockwell Church Road 004-013	1.02	13.4	
Mouth	0	13.9	
OC2F CREEK (Jackson County)			
Road 361-157	1.23	4.4	
Mouth	0	5.5	

- \* 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.







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
^	
^	

# OC3 MIDDLE OCONEE RIVER FROM MULBERRY RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC3 MIDDLE OCONEE RIVER FROM MULBERRY RIVER			
Above Mulberry River	27.17	147	14.1
Mulberry River (on right) OC2	27.00	(157)	(16.1)
Below Mulberry River	27.17	304	30.2
Above Beech Creek	26.06	308	30.8
Beech Creek (on right) OC3A	26.06	(23.3)	
Below Beech Creek	26.06	331	34.8
GA 82, Jackson-Barrow County Line Gage 02217000	25.47	332	34.9
Above Redstone Creek	22.22	339	36.1
Redstone Creek (on left) OC3B	22.22	(6.0)	
Below Redstone Creek	22.22	345	37.1
Jackson-Clarke County Line (upper)	18.32	*351	38.0
GA 330-059	18.25	351	38.0
Jackson-Clarke County Line (lower)	17.38	*352	38.3
>>><<<Oglethorpe Power Company	16.60	*354	38.6
Above Bear Creek	16.39	354	38.6
Bear Creek (on right) OC3C	16.39	(19.2)	
Below Bear Creek	16.39	373	41.9
Above Turkey Creek	13.14	379	42.8
Turkey Creek (on left)<<< 2WPCP	13.14	(4.0)	
Below Turkey Creek	13.14	383	43.5
Seaboard Coast Line Railroad	12.24	*385	43.8
Mitchell Dam	10.90	*387	44.3
>>> Athens Intake	10.55	*388	44.4
Mitchell Bridge Road 032-059	10.49	388	44.4
US 29, GA 8-059	10.34	*389	44.5
Gage 02217500	9.52	392	45.0
US 78, GA 10-059	9.02	392	45.0
US 129, 441, GA 15-059	5.54	397	45.8
<<< Middle Oconee WPCP	4.65	*398	45.9
Above McNutt Creek	4.31	398	45.9
McNutt Creek (on right) OC3D	4.31	(57.8)	(5.0)
Below McNutt Creek	4.31	456	50.9
Above Calls Creek	2.63	458	51.0
Calls Creek (on right) OC3E	2.63	(9.7)	
Below Calls Creek	2.63	468	51.5
Simonton Bridge Road 477-059	2.54	*468	51.5
Southern Railway	.63	*471	51.6
White Dam	.11	*472	51.7
Mouth, junction with North Oconee River	0	472	51.7

\* 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.



# OC3 TRIBUTARIES TO MIDDLE OCONEE

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC3A BEECH CREEK (Barrow County)			
Dunahoo Road 238-013	6.91	2.5	
Above Creek	6.00	3.6	
Creek (on right)	6.00	(5.0)	
Below Creek	6.00	8.6	
Bowman Mill Road 267-013	5.30	* 10.6	
Pleasant Hill Church Road 324-013	4.64	* 12.4	
Ross Road 228-013	3.31	16.2	
GA 211-013	2.37	20.2	
Mouth	0	23.3	
OC3B REDSTONE CREEK (Jackson County)			
Road 121-157	1.56	3.7	
Road 130-157	.45	* 5.3	
Mouth	0	6.0	
OC3C BEAR CREEK (Barrow, Jackson, Oconee, Clarke Counties)			
Arnold Road 219-013	5.82	3.4	1.2
Lois Kinney Road 206-013	4.58	4.4	1.6
Barrow-Jackson County Line	4.36	* 5.1	
Road 136-157	3.86	6.8	
Road 139-157	2.71	* 9.0	
Above Little Bear Creek	1.58	11.3	
Little Bear Creek (on right) OC3C1	1.58	(6.1)	
Below Little Bear Creek	1.58	17.4	
Jackson-Clarke County Line	1.35	* 17.6	
Mouth	0	19.2	
OC3C1 LITTLE BEAR CREEK (Barrow, Jackson, Oconee, Clarke Counties)			
Bogart Jefferson Road 210-013	3.47	2.2	
Barrow-Jackson County Line	3.05	* 2.7	
Jackson-Clarke County Line	2.48	* 3.5	
Fowler Mill Road (first) 003-059	1.83	4.3	
Fowler Mill Road (second) 003-059	1.21	* 4.9	
Clarke-Jackson County Line	.28	* 5.8	
Mouth	0	6.1	

\* Interpolated drainage area.

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

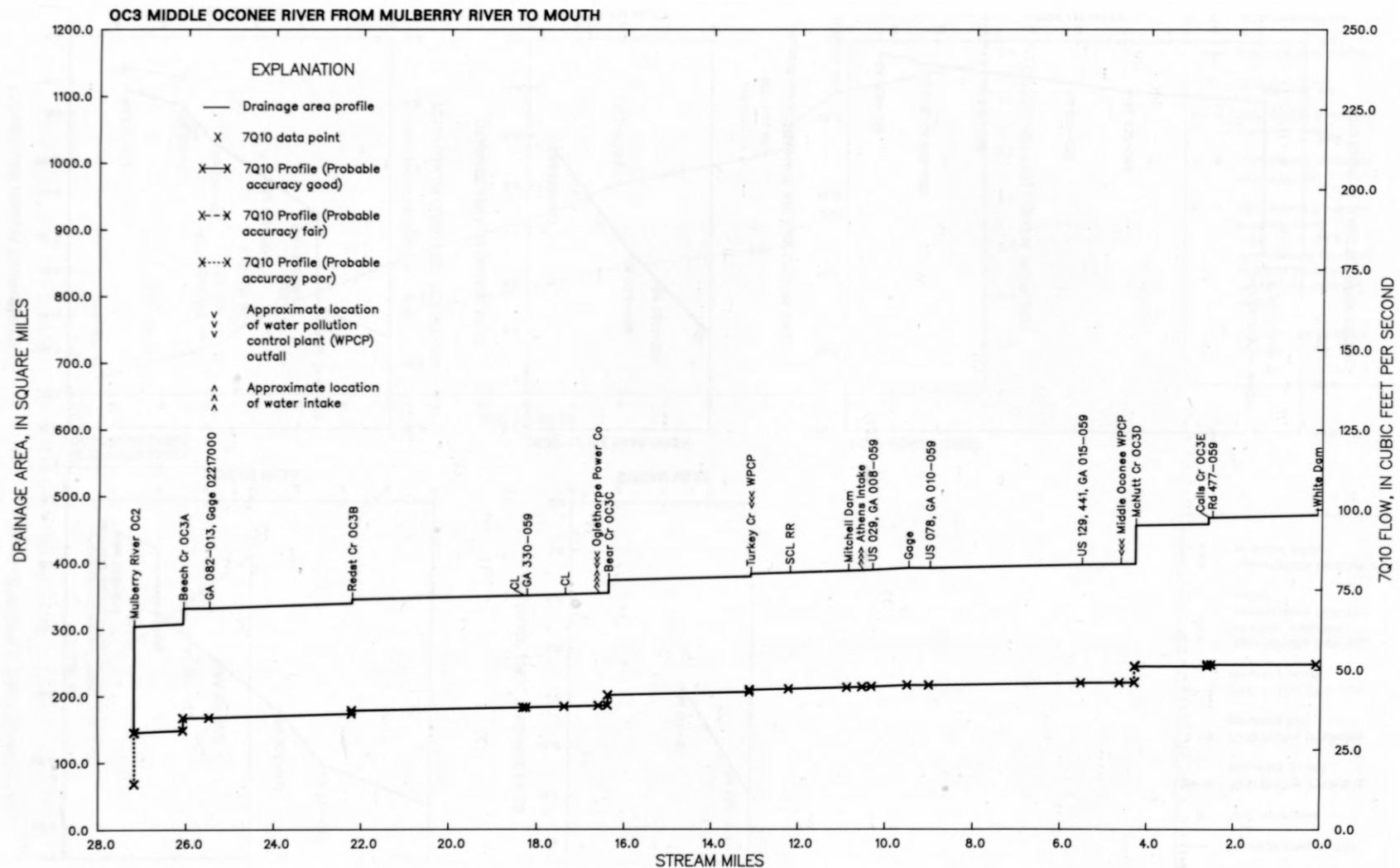
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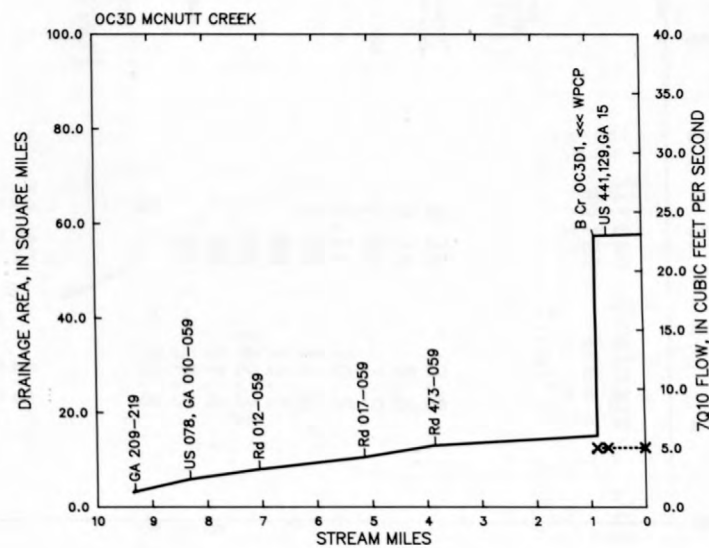
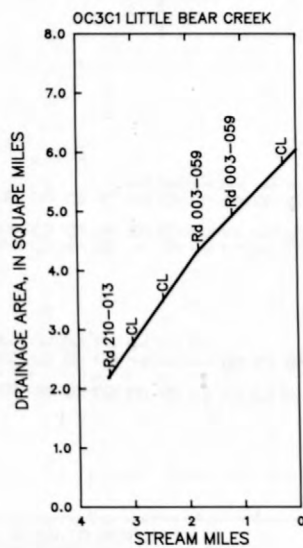
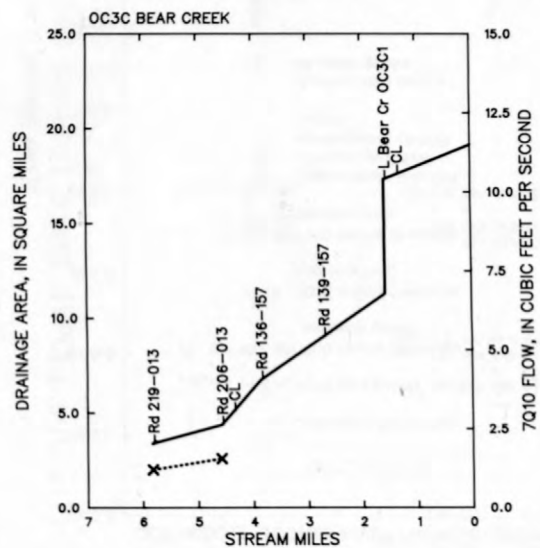
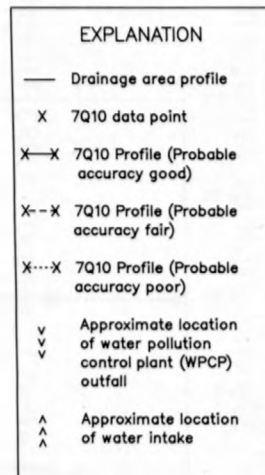
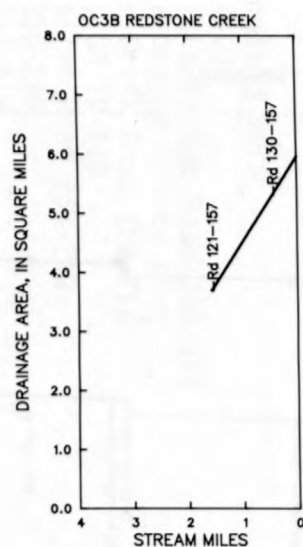
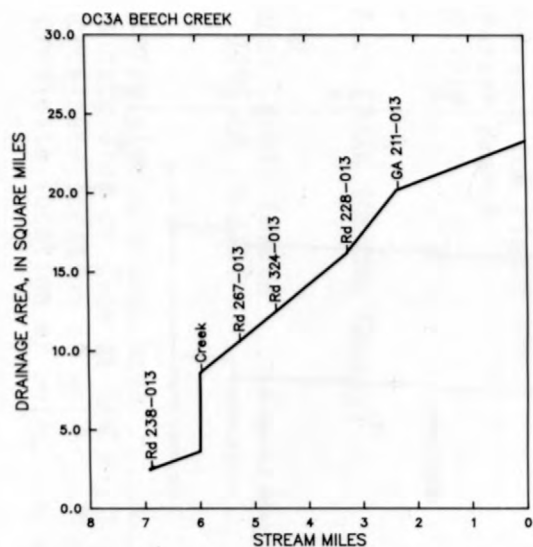
>>> Approximate location of water intake.

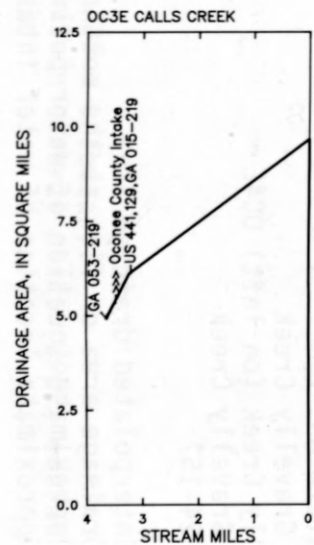
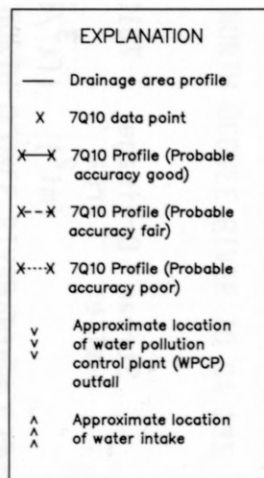
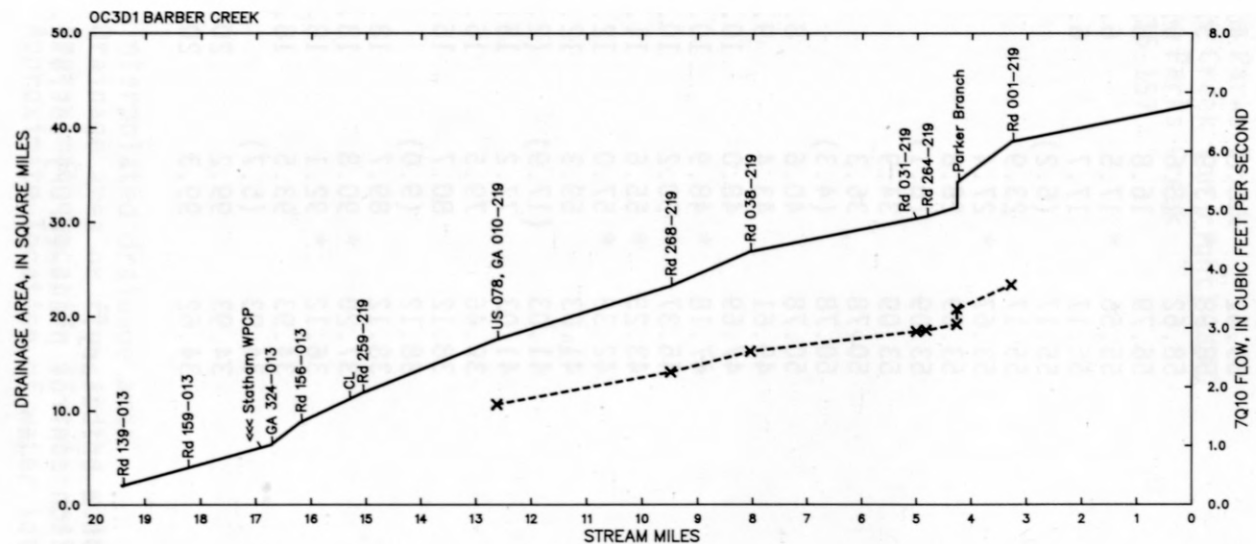
# OC3 TRIBUTARIES TO MIDDLE OCONEE -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC3D MCNUTT CREEK (Oconee, Clarke Counties)			
GA 209-219	9.34	3.2	
US 78, GA 10-059	8.34	5.8	
Jimmie Daniel Road 012-059	7.08	7.9	
Jennings Mill Road 017-059	5.17	10.5	
Epps Bridge Road 473-059	3.88	13.0	
Above Barber Creek	.88	15.1	
Barber Creek (on right) OC3D1, <<< WPCP	.88	(42.3)	
Below Barber Creek	.88	57.4	5.0
US 441, 129, GA 15-059	.68	* 57.5	5.0
Mouth	0	57.8	5.0
OC3D1 BARBER CREEK (Barrow, Oconee Counties)			
Jackson Trail Road 139-013	19.40	2.0	
Elder Road 159-013	18.24	* 3.9	
Lake	17.17	* 5.6	
<<< Statham WPCP	16.90	* 6.1	
GA 324-013	16.73	6.3	
Robertson Bridge Road 156-013	16.19	8.7	
Barrow-Oconee County Line	15.31	* 11.2	
Barber Creek Road 259-219	15.06	11.9	
US 78, GA 10-219	12.61	17.6	1.7
Clotfeller Road 268-219	9.48	23.2	2.3
Road 038-219	8.04	26.8	2.6
Road 031-219	5.00	* 30.4	2.9
Mars Hill Road 264-219	4.82	30.6	3.0
Above Parker Branch	4.26	31.6	3.1
Parker Branch (on right)	4.26	(2.6)	
Below Parker Branch	4.26	34.2	3.3
Road 001-219	3.27	38.5	3.7
Mouth	0	42.3	
OC3E CALLS CREEK (Oconee County)			
GA 53-219	3.64	4.9	
>>> Oconee County Intake	3.50	* 5.3	
US 441, 129, GA 15-219	3.23	6.1	
Mouth	0	9.7	

- \* 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.









# OC4 NORTH OCONEE RIVER TO GA 335

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC4 NORTH OCONEE RIVER TO GA 335 (Hall, Jackson Counties)			
GA 52-139 (first)	65.43	1.5	
Noah Martin Road 931-139	63.83	3.9	
Road 928-139	62.02	6.1	
Simpson Road 924-139	61.64	* 6.9	
Airline Road 1298-139	59.62	10.8	4.2
Oconee Road 920-139	58.98	* 13.9	5.4
GA 52-139 (second)	58.62	15.6	6.1
Joe Chandler Road 1299-139	56.79	16.8	6.6
Broome Road 809-139	55.56	* 17.5	6.9
Above Floyd Creek	55.17	17.7	6.9
Floyd Creek (on right) OC4A	55.17	(6.2)	
Below Floyd Creek	55.17	23.9	
East Hall Road 810-139	53.67	* 27.4	
Above Cedar Creek	53.09	28.8	
Cedar Creek (on left) OC4B	53.09	(6.1)	
Below Cedar Creek	53.09	34.9	
Above Buffington Creek	50.78	36.3	
Buffington Creek (on left)	50.78	(4.3)	
Below Buffington Creek	50.78	40.6	8.6
GA 323-139	49.61	43.4	9.2
Bryant Quarters Road 797-139	47.69	48.0	10.2
Hall-Jackson County Line	47.18	* 48.9	10.4
Road 266-157	46.37	* 50.2	10.7
Road 254-157	43.25	* 55.6	11.8
Road 261-157	42.38	* 57.0	12.1
Above Candler Creek	41.03	59.3	12.6
Candler Creek (on left) OC4C	41.03	(17.9)	(2.9)
Below Candler Creek	41.03	77.2	15.5
Road 253-157	39.46	79.5	16.0
Above Creek	38.12	80.7	16.3
Creek (on right) OC1D	38.12	(9.0)	
Below Creek	38.12	89.7	18.1
GA 82-157 SPUR	37.20	* 90.8	18.3
Interstate 85	36.12	* 92.1	18.5
Above Gravelly Creek	34.93	93.5	18.8
Gravelly Creek (on left) OC4E	34.93	(5.7)	
Below Gravelly Creek	34.93	99.2	20.0
Road 424-157	34.62	99.3	20.0

\* 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.

OC4 NORTH OCONEE RIVER TO GA 335 -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC4 NORTH OCONEE RIVER TO GA 335 (Hall, Jackson Counties) -- Continued			
GA 15-157	31.36	106	21.2
Above Borders Creek	29.96	107	21.6
Borders Creek (on left) OC4F	29.96	(10.4)	
Below Borders Creek	29.96	117	23.6
Above Parks Creek	27.36	119	23.9
Parks Creek (on right) OC4G	27.36	(10.6)	
Below Parks Creek	27.36	130	
GA 335-157	25.80	131	

- \* 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.

# OC4 TRIBUTARIES TO NORTH OCONEE

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC4A FLOYD CREEK (Hall County)			
Above Creek	0.09	4.0	
Creek (on right)	.09	(2.2)	
Below Creek	.09	6.2	
Mouth	0	6.2	
OC4B CEDAR CREEK (Hall County)			
Miller Lake Road 858-139	3.83	0.73	
Joe Chandler Road 1299-139	1.43	4.6	
Cedar Creek Road 814-139	.24	* 5.9	
Mouth	0	6.1	
OC4C CANDLER CREEK (Hall, Jackson Counties)			
Hensley Road 866-139	9.96	2.6	
GA 52-139	8.22	6.5	0.98
Bryant Quarters Road 800-139	6.55	8.5	1.3
Hall-Jackson County Line	5.25	* 10.3	1.6
Road 269-157	4.78	* 10.9	1.7
Road 266-157	3.06	13.2	2.1
Road 253-157	.84	17.2	2.8
Mouth	0	17.9	2.9
OC4D CREEK (Jackson County)			
Road 250-157	1.90	4.8	
Road 253-157	1.15	7.5	
Mouth	0	9.0	
OC4E GRAVELLY CREEK (Jackson County)			
Road 276-157	2.03	2.0	
Interstate 85	1.24	* 4.4	
Road 363-157	1.01	5.0	
Mouth	0	5.7	

- \* 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.

OC4 TRIBUTARIES TO NORTH OCONEE -- Continued

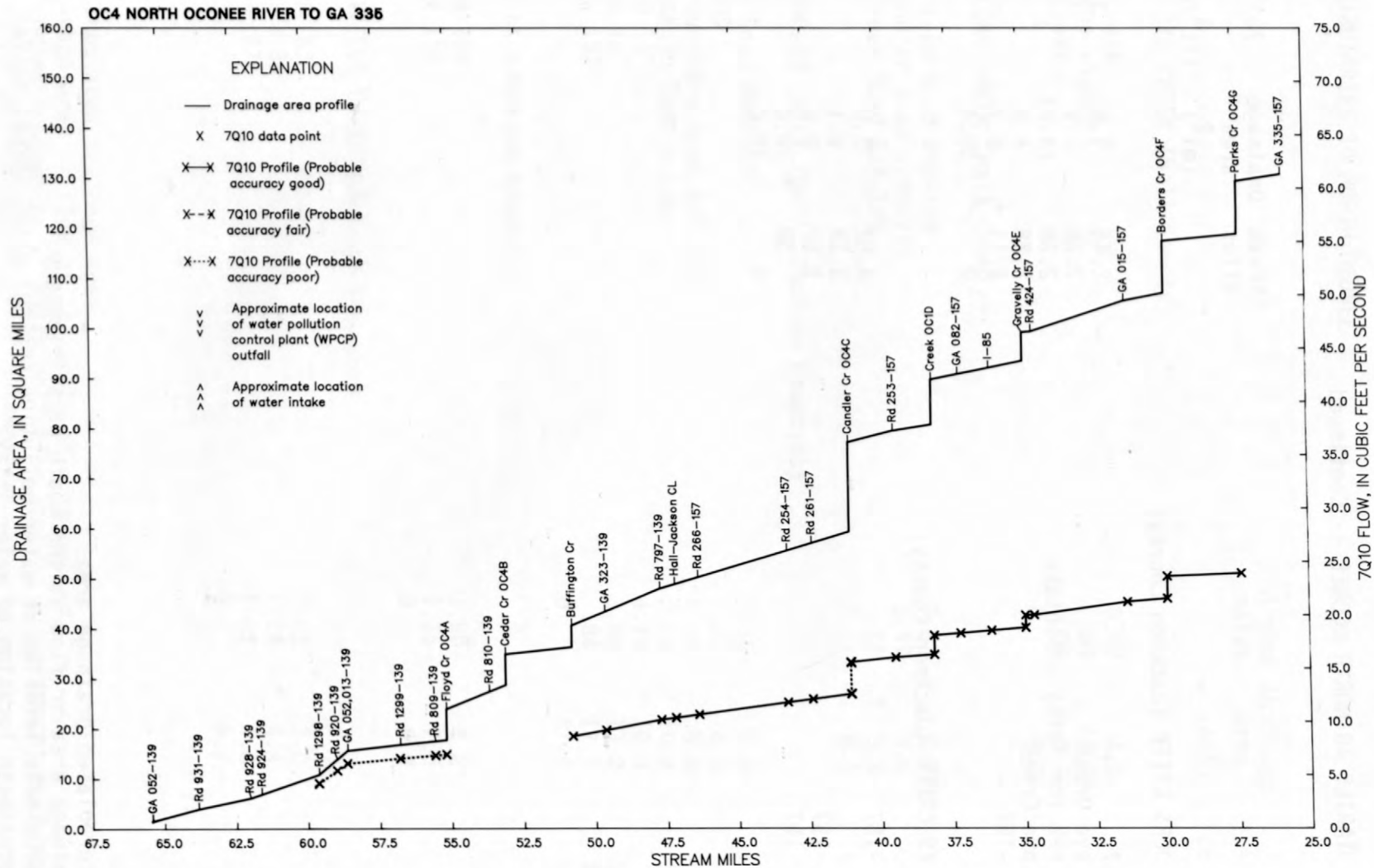
Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC4F BORDERS CREEK (Jackson County)			
GA 15-157	2.46	1.8	0.80
Above Grove Creek	2.28	1.9	.86
Grove Creek (on left) >>>Intake	2.28	(4.0)	
Below Grove Creek	2.28	5.9	
Road 032-157	1.11	6.7	
Mouth	0	10.4	
OC4G PARKS CREEK (Jackson County)			
Road 019-157	3.82	3.0	
GA 15-157	3.13	6.1	
Road 029-157	1.62	8.6	
Road 428-157	.50	* 10.0	
Mouth	0	10.6	

\* Interpolated drainage area.

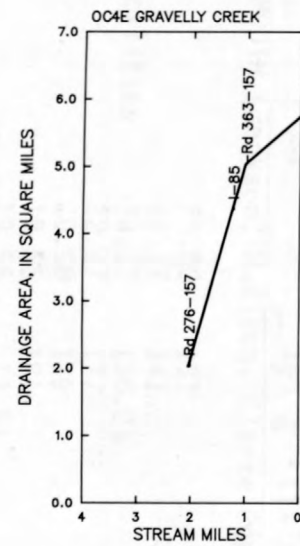
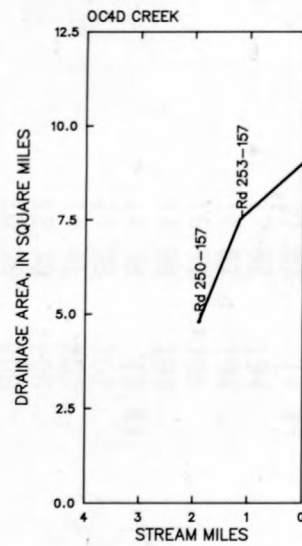
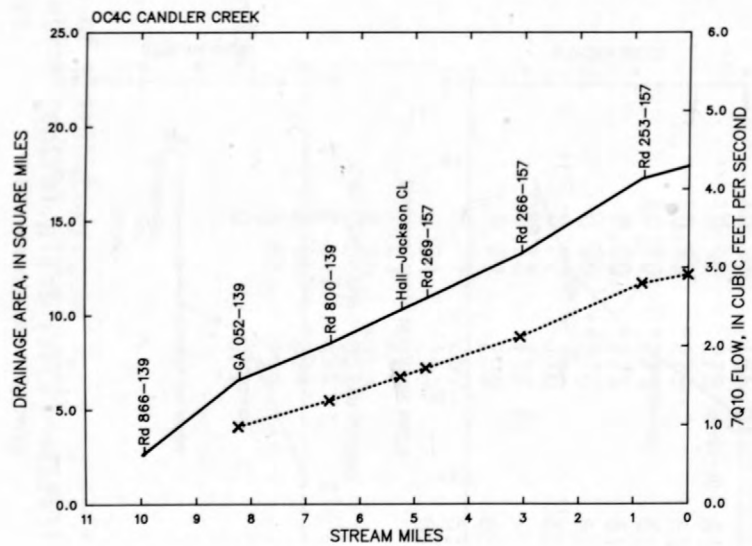
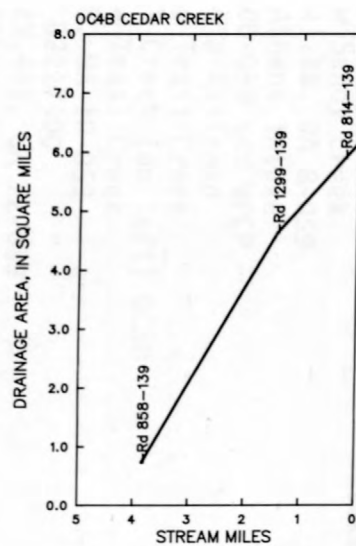
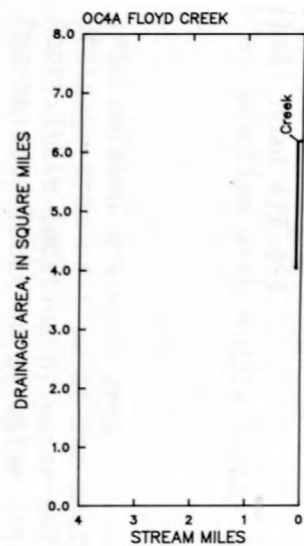
( ) Drainage area or flow at the mouth of a tributary.

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

>>> Approximate location of water intake.

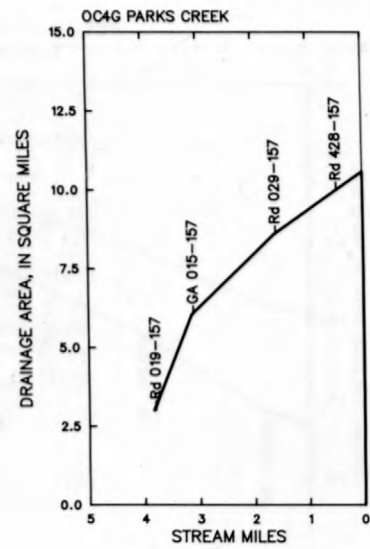
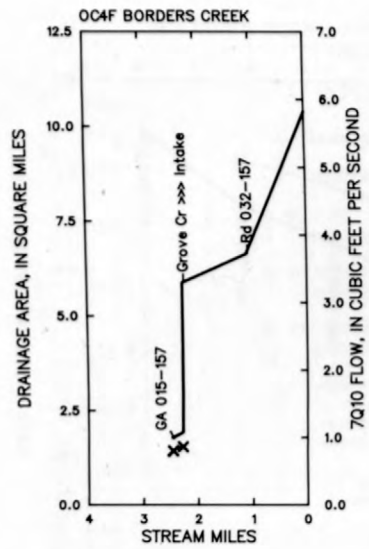






## EXPLANATION

- 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)
- v Approximate location of water pollution control plant (WPCP) outfall
- ^ Approximate location of water intake

# OC5 NORTH OCONEE RIVER FROM GA 335 TO MOUTH

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC5 NORTH OCONEE RIVER FROM GA 335 TO MOUTH (Jackson, Madison, Clarke Counties)			
GA 335-157	25.80	131	
Above Curry Creek	22.17	141	
Curry Creek (on right) OC5A, >>><<< facilities	22.17	(36.2)	
Below Curry Creek	22.17	177	
Road 432-157	20.98	179	
Above Shankles Creek	19.55	181	
Shankles Creek (on left)	19.55	(3.5)	
Below Shankles Creek	19.55	185	
Above Crooked Creek	17.87	187	
Crooked Creek (on right) OC5B	17.87	(7.4)	
Below Crooked Creek	17.87	194	
Road 089-157	17.81	194	
Jackson-Clarke County Line	15.51	*198	
Above Walton Creek	14.98	199	
Walton Creek (on right)	14.98	(3.4)	
Below Walton Creek	14.98	202	
Newton Bridge Road 478-059	14.41	203	
Southern Railway	12.38	*206	
Above Sandy Creek	10.96	208	
Sandy Creek (on left) OC5C, >>> Intake	10.96	(65.0)	
Below Sandy Creek	10.96	273	61.2
US 441,29, GA 8-059	10.73	*273	61.3
>>> Athens Intake	10.70	*273	61.3
GA 106-059 <<< WPCP	9.60	*275	61.8
Georgia Railroad	8.86	*276	62.1
Above Trail Creek	8.72	276	62.1
Trail Creek (on left) OC5D	8.72	(12.7)	
Below Trail Creek	8.72	289	65.0
US 78, GA 10-059	8.71	289	65.0
Gage 02217900	8.34	290	65.0
US 129,441, GA 72-059	7.53	*292	
<<< Athens North Oconee WPCP	7.30	*292	
College Station Road 481-059	5.73	296	
Oconee Dam	3.14	*299	
Whitehall Road 477-059	3.01	299	
Mouth at junction with Middle Oconee River	0	301	

\* 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.

# OC5 TRIBUTARIES TO NORTH OCONEE RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC5A CURRY CREEK (Jackson County)			
Road 239-157	11.43	2.7	
>>> Jefferson Intake	8.06	* 10.1	
GA 15-157	7.82	10.7	
<<< Jefferson WPCP	6.52	* 13.4	
Above Creek	3.78	19.2	
Creek (on right)	3.78	(2.9)	
Below Creek	3.78	22.1	
Road 086-157	2.40	24.8	
Above Little Curry Creek	.30	27.7	
Little Curry Creek (on left) OC5A1	.30	(8.4)	
Below Little Curry Creek	.30	36.1	
Mouth	0	36.2	
OC5A1 LITTLE CURRY CREEK (Jackson County)			
GA 335-157	4.27	3.5	0.90
Road 081-157	.91	8.0	
Mouth	0	8.4	
OC5B CROOKED CREEK (Jackson County)			
Road 110-157	2.68	1.6	
Road 086-157	.25	7.2	
Mouth	0	7.4	
OC5C SANDY CREEK (Jackson, Madison, Clarke Counties)			
Road 047-157	17.03	3.0	
Lake	16.56	* 3.8	
Road 329-157	14.51	7.4	
Road 330-157	13.46	10.8	
GA 334-157 (first)	12.09	13.8	
Above Hardeman Creek	11.21	14.7	
Hardeman Creek (on right) OC5C1	11.21	(6.7)	
Below Hardeman Creek	11.21	21.4	
Road 068-157	10.30	22.3	
Road 422-157	8.71	29.0	
GA 334-157 (second)	6.40	33.3	2.0

\* Interpolated drainage area.

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

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>>> Approximate location of water intake.

# OC5 TRIBUTARIES TO NORTH OCONEE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC5C SANDY CREEK (Jackson, Madison, Clarke Counties) -- Continued			
Above Little Sandy Creek	5.83	33.5	2.0
Little Sandy Creek (on left) OC5C2	5.83	(9.1)	
Below Little Sandy Creek	5.83	42.6	2.5
Road 094-157	5.55	42.9	2.5
Jackson-Clarke County Line (upper)	4.76	* 44.7	2.6
Jackson-Clarke County Line (lower)	4.49	* 45.3	2.7
Above East Sandy Creek	2.92	48.8	2.9
East Sandy Creek (on left) OC5C3	2.92	(8.6)	
Below East Sandy Creek	2.92	57.4	3.4
Above Noketchee Creek	1.25	58.5	3.5
Noketchee Creek (on left)	1.25	(5.1)	
Below Noketchee Creek	1.25	63.6	3.8
US 441-157	.62	* 64.3	3.8
>>> Intake	.10	* 64.9	3.8
Mouth	0	65.0	

## OC5C1 HARDEMAN CREEK (Jackson County)

Southern Railroad	4.42	1.1	
Road 057-157	4.04	* 1.4	
Road 060-157	3.09	2.2	
Lake	2.18	* 4.1	
Road 062-157	1.97	4.5	
Road 065-157	.89	6.3	
Mouth	0	6.7	

## OC5C2 LITTLE SANDY CREEK (Madison, Jackson Counties)

Sailers-Gunnell Road 335-157	5.75	0.65	
Seagraves-Sawdust Road 332-157	5.43	* .93	
Seagraves-Alewine Road 336-157	4.16	* 2.1	
Jennings-Dillard Road 068-157	3.82	2.4	
Above Nowhere Creek	2.99	2.9	
Nowhere Creek (on left)	2.99	(4.3)	
Below Nowhere Creek	2.99	7.2	
Road 422-157	2.66	* 7.4	
Madison-Jackson County Line	.26	* 9.0	
Madison-Jackson County Line	.18	* 9.0	
Mouth	0	9.1	

\* Interpolated drainage area.

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

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>>> Approximate location of water intake.



# OC5 TRIBUTARIES TO NORTH OCONEE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC5C3 EAST SANDY CREEK (Madison, Clarke Counties)			
Leon Ellis Road 173-195	7.40	0.17	
Martin Griffith Road 172-195	6.28	*	1.8
Neese-Sanford Road 170-195	5.67	*	2.6
Road 393-195	4.72		3.9
Madison-Clarke County Line	2.43	*	6.2
Nowhere Road 611-059	.76	*	7.9
Mouth	0		8.6

## OC5D TRAIL CREEK (Clarke County)

Note: West Fork Trail Creek is head of Trail Creek

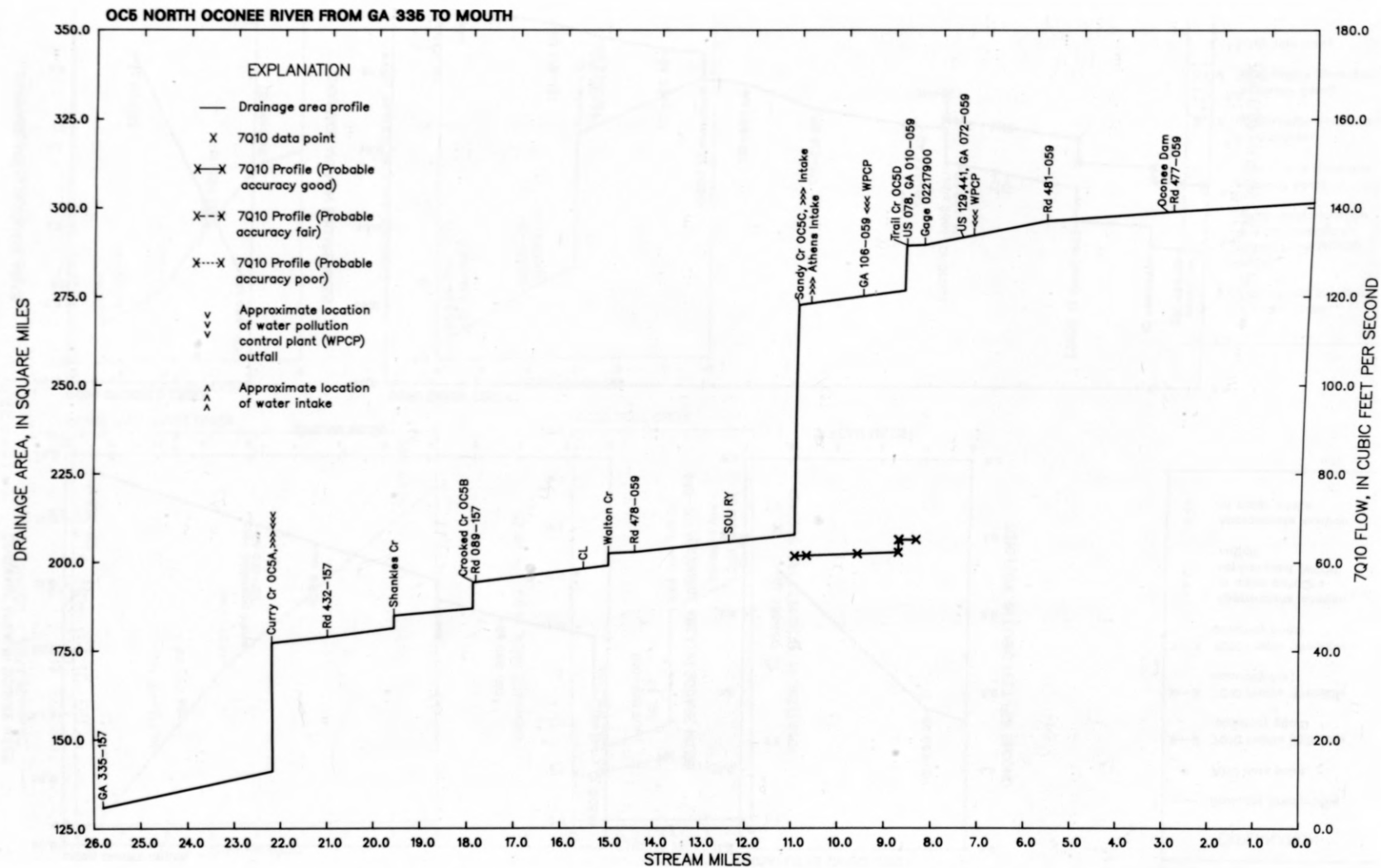
West Fork Trail Creek at GA 72-059, Hull Street	3.32	3.7	0.61
US 29-059	2.58	*	4.3
Old Hull Road 127-059	2.25	*	4.5
Seaboard Coast Line Railroad	2.00	*	4.7
Above East Fork Trail Creek	1.82		4.9
East Fork Trail Creek (on left)	1.82	(5.8)	.81
Trail Creek below East Fork Trail Creek	1.82	10.7	
US 441, GA 72-059	1.42	*	11.1
Moreland Avenue	.90	*	11.7
East Broad Street	.48	*	12.2
Georgia Railroad	.22	*	12.4
Mouth	0		12.7

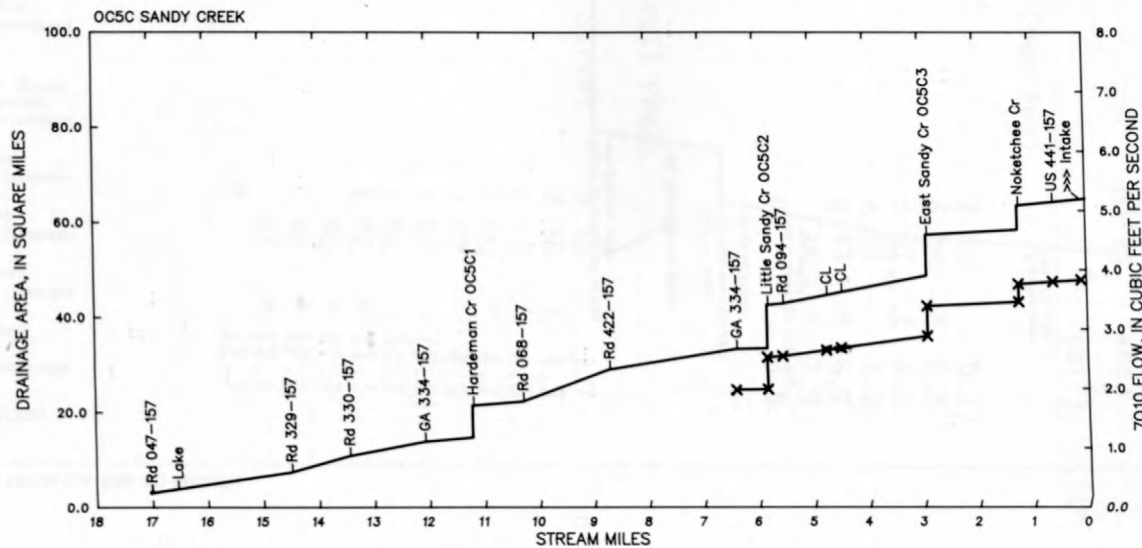
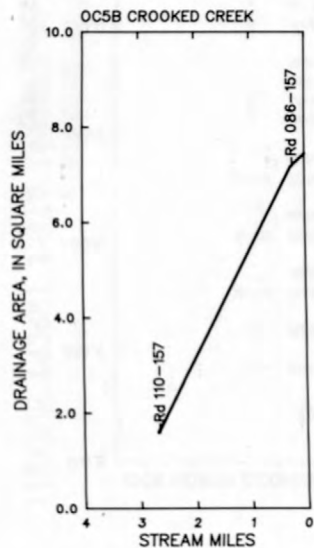
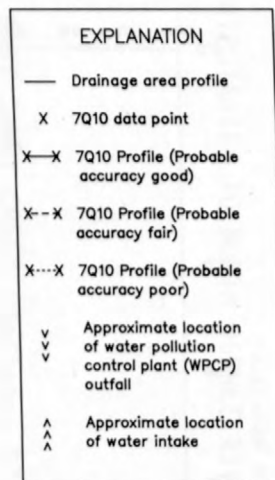
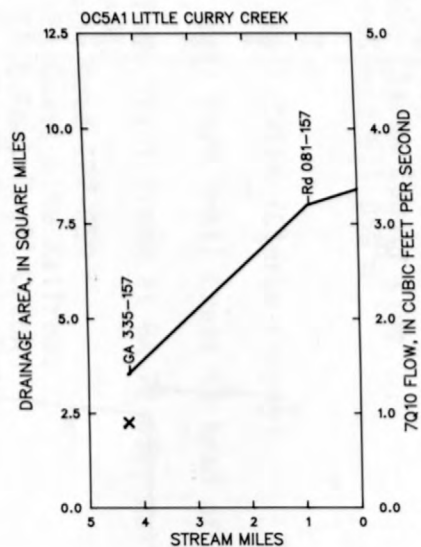
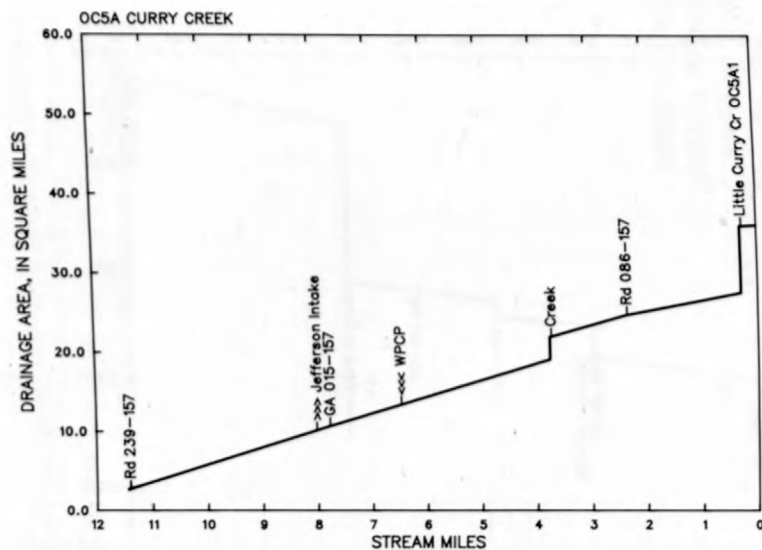
\* Interpolated drainage area.

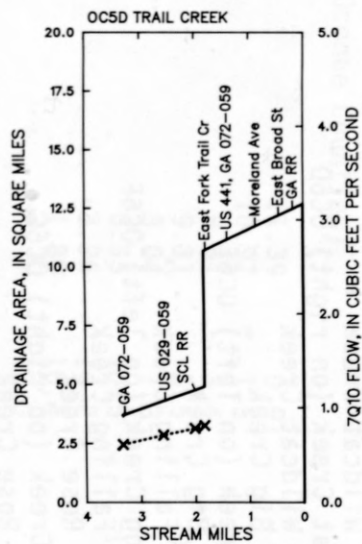
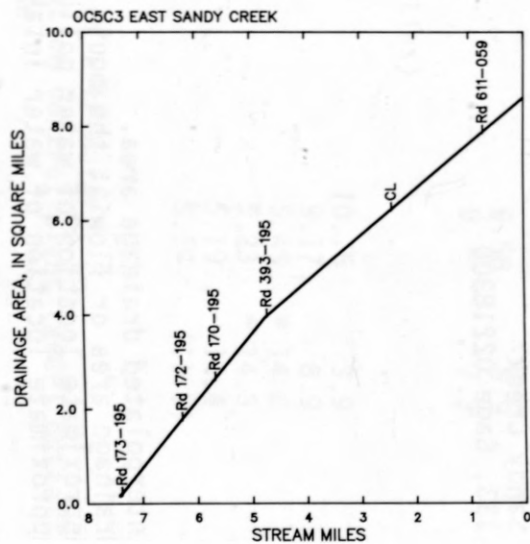
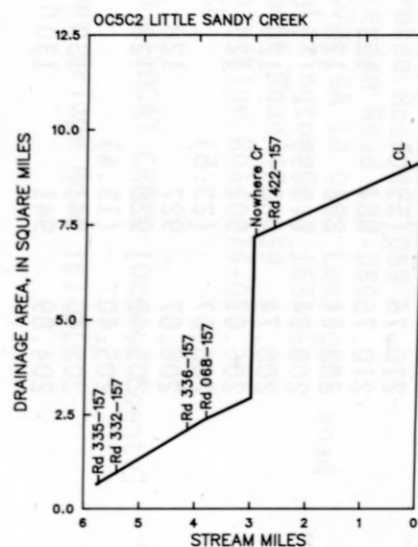
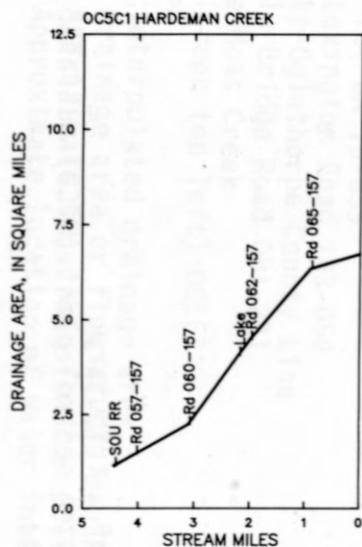
( ) Drainage area or flow at the mouth of a tributary.

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

>>> Approximate location of water intake.







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
^	

OC6 OCONEE RIVER FROM JUNCTION NORTH AND MIDDLE OCONEE RIVERS TO GA 15

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC6 OCONEE RIVER FROM JUNCTION NORTH AND MIDDLE OCONEE RIVERS TO GA 15 (Clarke, Oconee, Oglethorpe, Greene Counties)			
Junction of North and Middle Oconee Rivers	220.22	773	117
Above Cedar Creek	219.31	774	117
Cedar Creek (on left) OC6A,<<< WPCP	219.31	(5.5)	
Below Cedar Creek	219.31	780	118
County Line Road 474-059	217.45	783	118
Above Porters Creek	216.84	784	118
Porters Creek (on right) OC6B	216.84	(8.0)	
Below Porters Creek	216.84	792	118
Barnett Shoals Dam	215.93	793	118
Above Shoal Creek	215.09	793	118
Shoal Creek (on left) OC6C	215.09	(18.0)	
Below Shoal Creek	215.09	811	119
Above Wildcat Creek	213.75	813	119
Wildcat Creek (on right) OC6D	213.75	(7.3)	
Below Wildcat Creek	213.75	820	120
Above Big Creek	210.76	825	120
Big Creek (on left) OC6E	210.76	(59.0)	
Below Big Creek	210.76	884	123
Above Falling Creek	208.74	886	123
Falling Creek (on left) OC6F	208.74	(13.9)	(.65)
Below Falling Creek	208.74	900	124
Above Rose Creek	206.07	903	125
Rose Creek (on right) OC6G	206.07	(23.5)	
Below Rose Creek	206.07	927	128
Above Sandy Creek	205.40	928	128
Sandy Creek (on left) OC6H	205.40	(13.4)	
Below Sandy Creek	205.40	941	130
GA 15-133, Gage 02218300	204.89	941	130

\* 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.

# OC6 TRIBUTARIES TO OCONEE RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC6A CEDAR CREEK (Clarke County)			
Old Lexington Road 163-059	2.78	2.9	
Barnett Shoals Road 479-059	1.72	4.5	
<<< Clarke County WPCP	.81	*	5.0
Mouth	0		5.5
OC6B PORTERS CREEK (Oconee County)			
GA 15-219	5.32	2.0	
Road 156-219	3.75	3.8	
Road 158-219	.86	7.7	
Road 159-219	.79	*	7.7
Mouth	0		8.0
OC6C SHOAL CREEK (Clarke, Oglethorpe, Oconee Counties)			
Winterville Road 470-059	11.39	0.91	
Road 510-059	10.97	*	1.5
Cherokee Road 477-059	9.61	3.4	
Beaverdam Road 137-059	9.31	5.5	0.56
US 078, GA 10-059, Lexington Road	8.04	7.8	.80
Old Lexington Road 163-059	6.35	10.5	1.1
Belmont Road 479-059	3.96	14.2	
County Line Road 474-059	1.89	16.4	
Mouth	0		18.0
OC6D WILDCAT CREEK (Oconee County)			
Oliver Bridge Road 161-219	0.58	5.9	
Mouth	0		7.3
OC6E BIG CREEK (Clarke, Oglethorpe Counties)			
U.S. 78, GA 10-059	10.76	3.9	
Old Lexington Road 163-059	9.17	8.9	
Clarke-Oglethorpe County Line	5.45	*	14.0
Double Bridge Road 081-221	5.23	*	14.3
Above Moss Creek	5.19		14.4
Moss Creek (on left) OC6E1	5.19		(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.



# OC6 TRIBUTARIES TO OCONEE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC6E BIG CREEK (Clarke, Oglethorpe Counties) -- Continued			
Below Moss Creek	5.19	25.4	
Road 077-221	4.99	25.4	
Road 080-221	2.74	28.5	
Above Barrow Creek	.66	30.4	
Barrow Creek (on left) OC6E2	.66	(28.1)	
Below Barrow Creek	.66	58.5	
Road 086-221	.11	* 58.9	
Mouth	0	59.0	
OC6E1 MOSS CREEK (Oglethorpe County)			
US 78, GA 10-221	4.71	1.5	
Above Goulding Creek	1.14	5.3	
Goulding Creek (on left) OC6E1A	1.14	(5.2)	
Below Goulding Creek	1.14	10.5	
Road 081-221	.13	* 11.0	
Mouth	0	11.0	
OC6E1A GOULDING CREEK (Oglethorpe County)			
Road 074-221	2.55	2.7	
Road 306-221	.12	5.2	
Mouth	0	5.2	
OC6E2 BARROW CREEK (Oglethorpe County)			
<<< Crawford WPCP	9.40	1.5	
Road 075-221	7.91	4.5	
Road 240-221	4.58	12.7	
Above Creek	3.56	13.3	
Creek (on left)	3.56	(6.2)	
Below Creek	3.56	19.5	
Above Ellis Creek	1.32	22.7	
Ellis Creek (on left)	1.32	(3.5)	
Below Ellis Creek	1.32	26.2	
Mouth	0	28.1	

\* 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.

# OC6 TRIBUTARIES TO OCONEE RIVER -- Continued

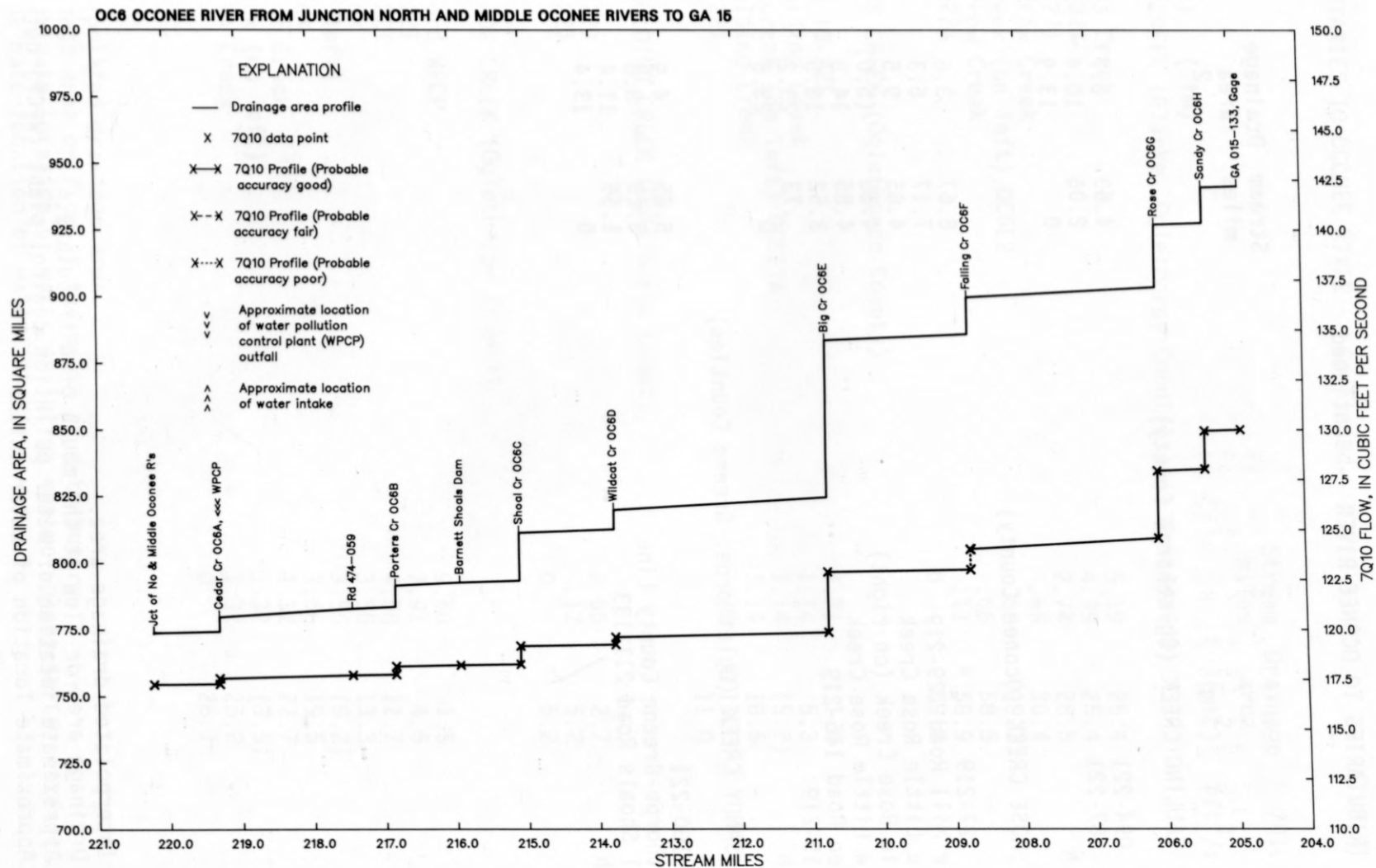
Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC6F FALLING CREEK (Oglethorpe County)			
Road 094-221	4.63	6.7	0.33
Road 087-221	2.06	10.4	.52
Mouth	0	13.9	.69
OC6G ROSE CREEK (Oconee County)			
Road 127-219	8.67	3.6	
Elder Mill Road 129-219	7.17	6.3	
Above Little Rose Creek	4.85	9.5	
Little Rose Creek (on right)	4.85	(5.0)	
Below Little Rose Creek	4.85	14.5	
Goshen Road 146-219	3.52	16.5	
GA 015-219	.73	23.2	
Mouth	0	23.5	
OC6H SANDY CREEK (Oglethorpe, Greene Counties)			
Road 100-221	5.65	4.9	
Oglethorpe-Greene County Line	3.28	* 8.6	
Skull Shoals Road 211-133	1.56	11.4	
Mouth	0	13.4	

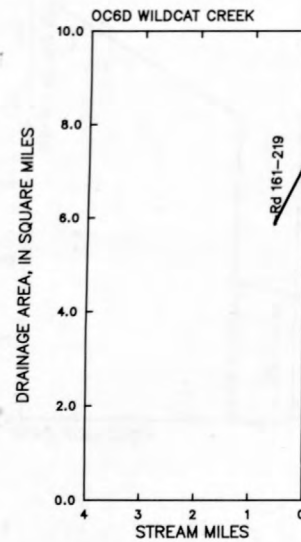
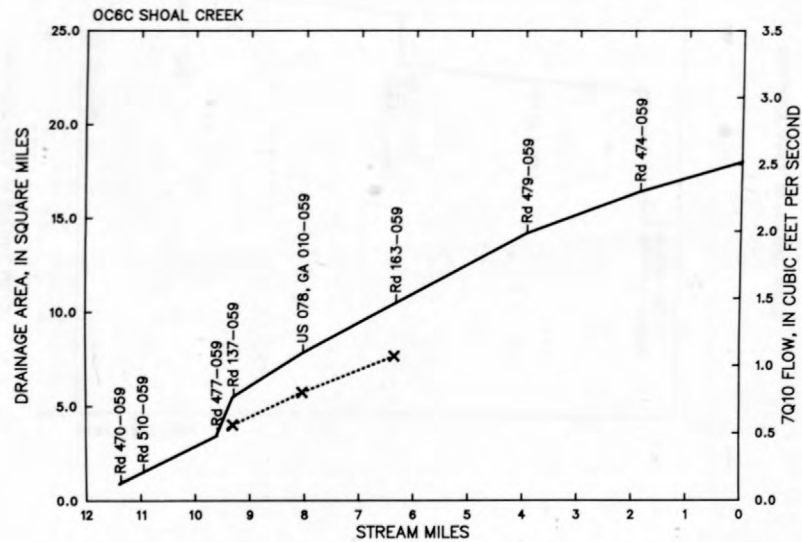
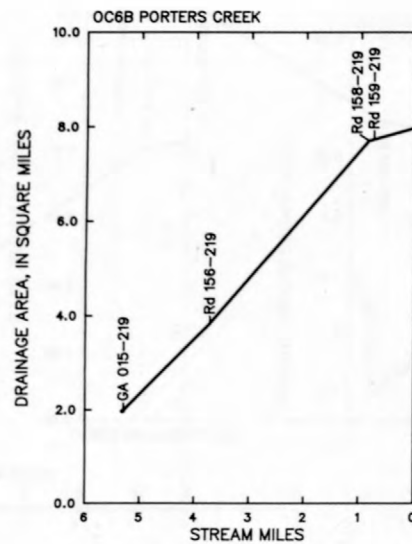
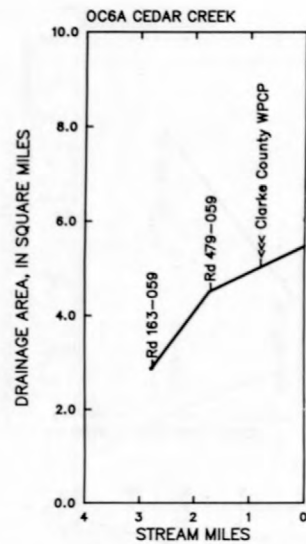
\* Interpolated drainage area.

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

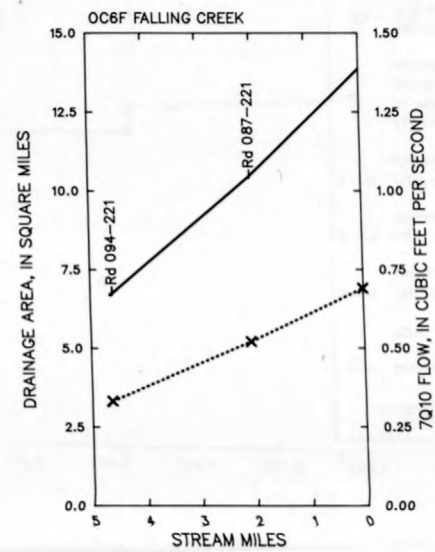
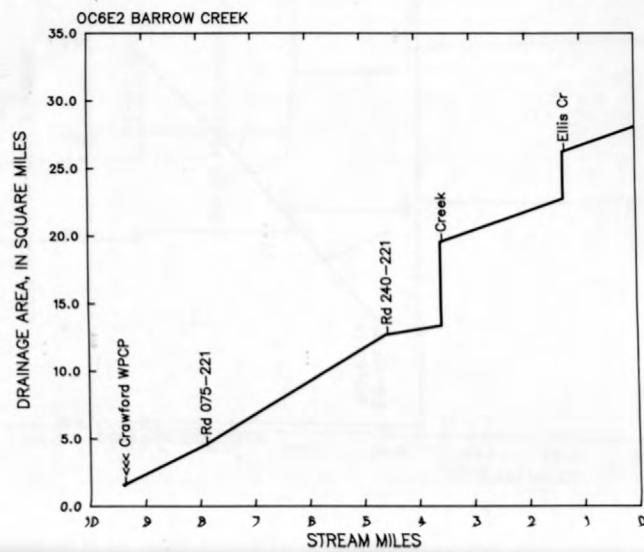
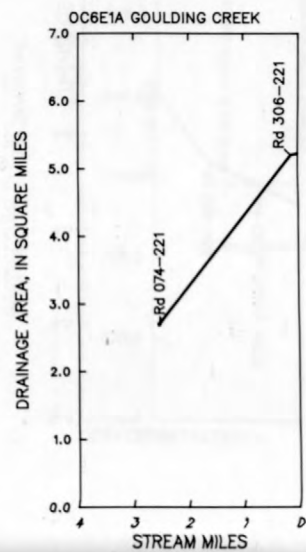
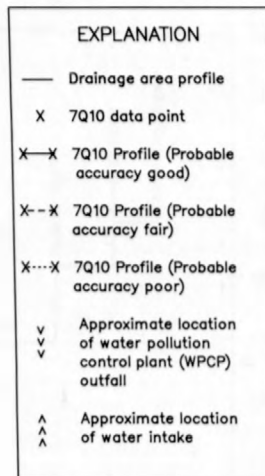
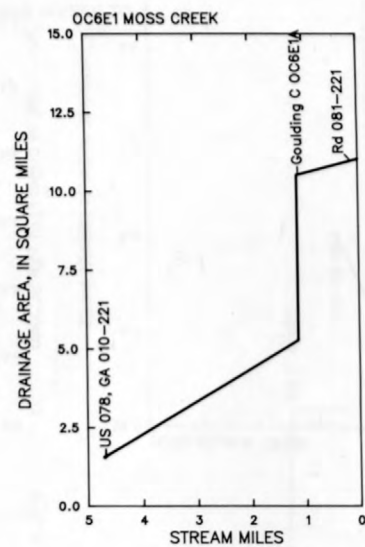
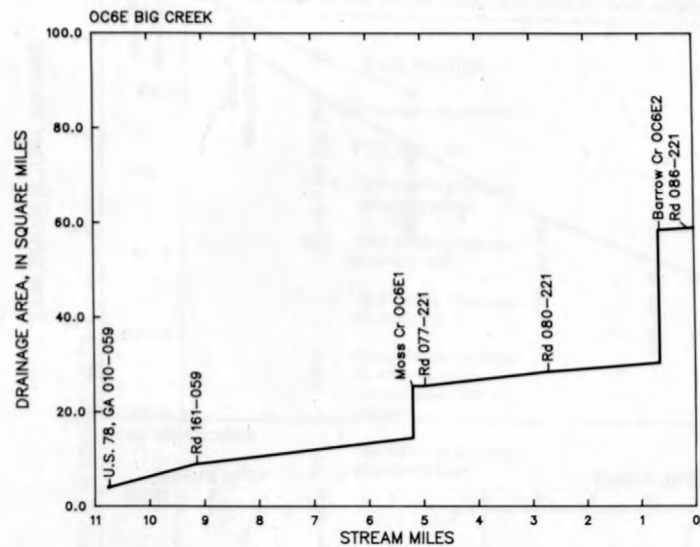
<<< Approximate location of water pollution control plant (WPCP) outfall.

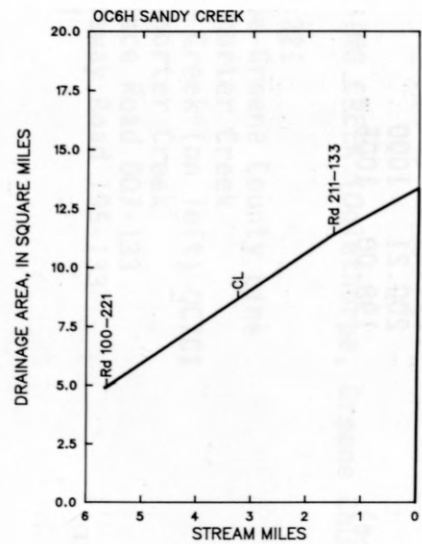
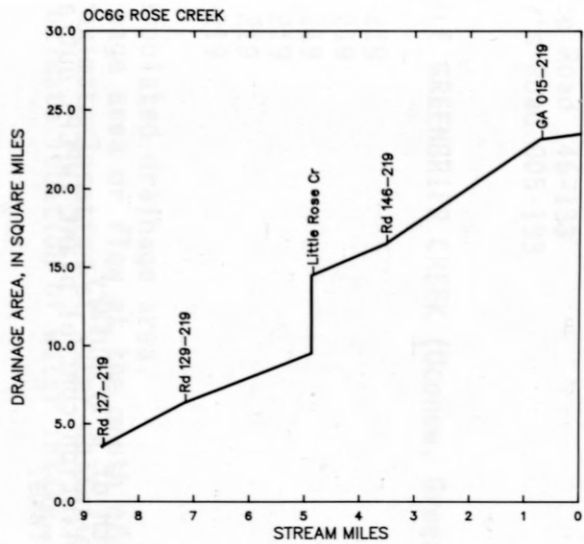
>>> Approximate location of water intake.





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
∇	
∇	
Δ	Approximate location of water intake
Δ	
Δ	





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
^	
^	



# OC7 OCONEE RIVER FROM GA 15 TO GREENBRIER CREEK

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC7 OCONEE RIVER FROM GA 15 TO GREENBRIER CREEK (Oconee, Oglethorpe, Greene Counties)			
GA 15-133, Gage 02218300	204.89	941	130
Above Ellison Creek	204.33	942	130
Ellison Creek (on right) OC7A	204.33	(5.5)	
Below Ellison Creek	204.33	947	131
Above Harris Creek	201.25	953	132
Harris Creek OC7B	201.25	(7.8)	
Below Harris Creek	201.25	961	133
Above Fishing Creek	200.21	961	133
Fishing Creek (on left) OC7C	200.21	(39.3)	
Below Fishing Creek	200.21	1000	140
Above Greenbrier Creek (in Lake Oconee)	198.00	1005	

- \* 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.

# OC7 TRIBUTARIES TO OCONEE RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC7A ELLISON CREEK (Oconee, Greene Counties)			
Road 119-219	2.13	1.7	
Oconee-Greene County Line	1.47	*	2.3
Wrayswood Road 016-133	.45		3.2
Mouth	0		5.5
OC7B HARRIS CREEK (Greene County)			
Road 009-133	6.75	.29	
Road 195-133	5.41	1.3	
GA 15-133	1.70	6.7	
Mouth	0	7.8	
OC7C FISHING CREEK (Oglethorpe, Greene Counties)			
Road 105-221	9.02	5.2	
Oglethorpe-Greene County Line	8.62	*	6.0
Above McWhorter Creek	4.97		13.2
McWhorter Creek (on left) OC7C1	4.97	(11.5)	
Below McWhorter Creek	4.97		24.7
Conger Place Road 007-133	4.42	*	26.4
Anna Callaway Road 195-133	3.23		30.3
GA 15-133	1.37		37.0
Mouth	0		39.3
OC7C1 MCWHORTER CREEK (Oglethorpe, Greene Counties)			
Geer Place Road 146-133	4.55	3.0	
Old Maxey's Road 005-133	2.29	7.5	
Mouth	0	11.5	
OC7D LITTLE GREENBRIER CREEK (Oconee, Greene Counties)			
Road 127-219	15.73	2.4	0.46
Road 110-219	14.52	4.1	.80
Road 140-219	12.14	8.3	
Road 118-219	11.61	*	9.2
Road 145-219	10.29	11.7	1.2
Road 121-219	8.86	14.2	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.

# OC7 TRIBUTARIES TO OCONEE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC7D LITTLE GREENBRIER CREEK (Oconee, Greene Counties) -- Continued			
Oconee-Greene County Line	7.60	* 15.9	1.6
Johnny Carson Road 020-133	6.63	17.2	1.7
Double Bridges Road 23-133	4.00	20.3	2.0
Above Little Greenbrier Creek	3.76	20.3	2.0
Little Greenbrier Creek (on left)	3.76	(3.8)	
Below Little Greenbrier Creek	3.76	24.1	2.4
Copeland Road 025-133	.65	30.4	

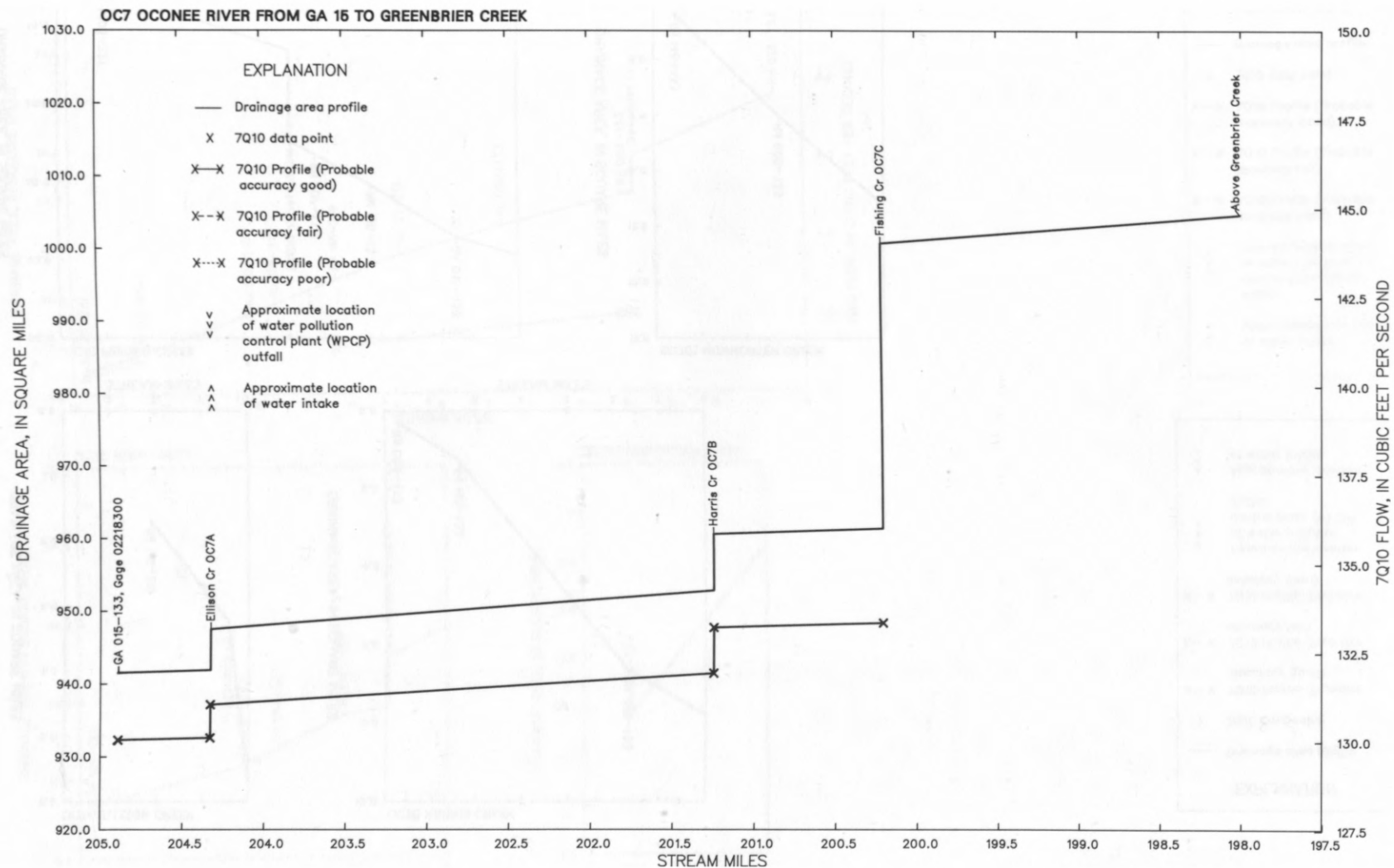
## OC7E TOWN CREEK (Greene County)

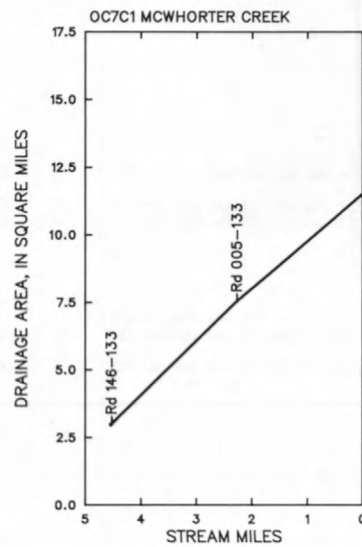
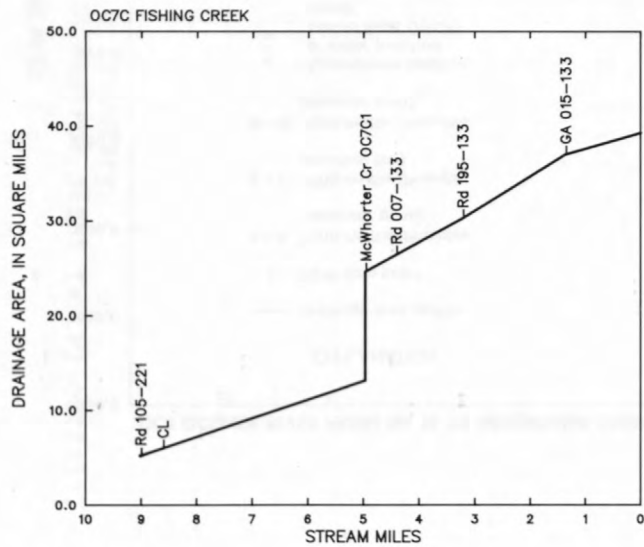
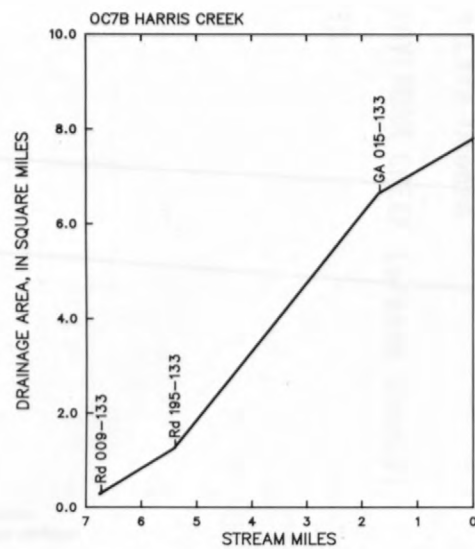
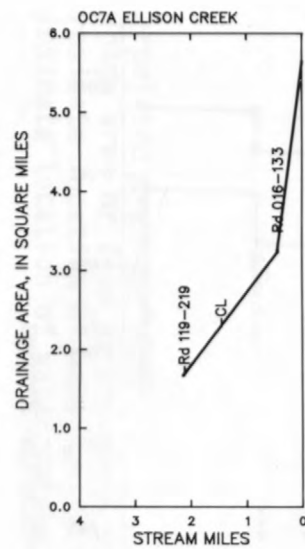
Road 192-133	7.70	6.9	
GA 15-133	4.52	11.7	
Road 043-133	3.75	13.9	
Cold Springs Road 042-133	2.30	18.2	
Above Beaverdam Creek	1.29	19.3	
Beaverdam Creek (on left) OC7E1	1.29	(6.3)	
Below Beaverdam Creek	1.29	25.6	
Mouth in Lake Oconee	0	29.5	

## OC7E1 BEAVERDAM CREEK (Greene County)

GA 15-133	3.03	2.8	
Mouth	0	6.3	

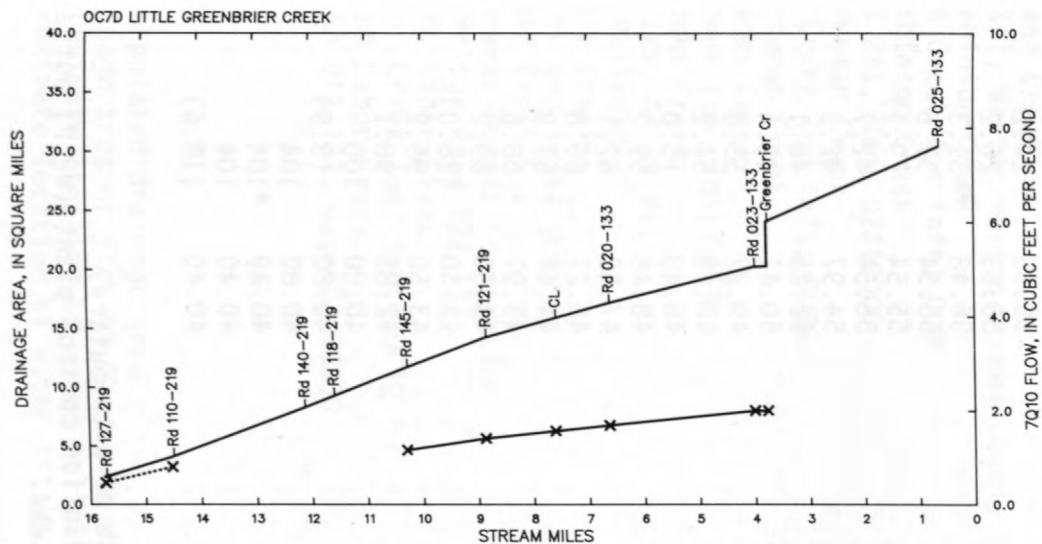
- \* Interpolated drainage area.
- ( ) Drainage area or flow at the mouth of a tributary.
- <<< Approximate location of water pollution control plant (WPCP) outfall.
- >>> Approximate location of water intake.



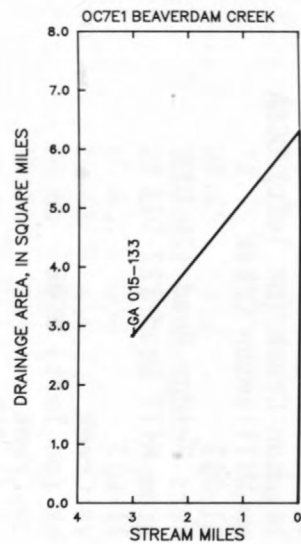
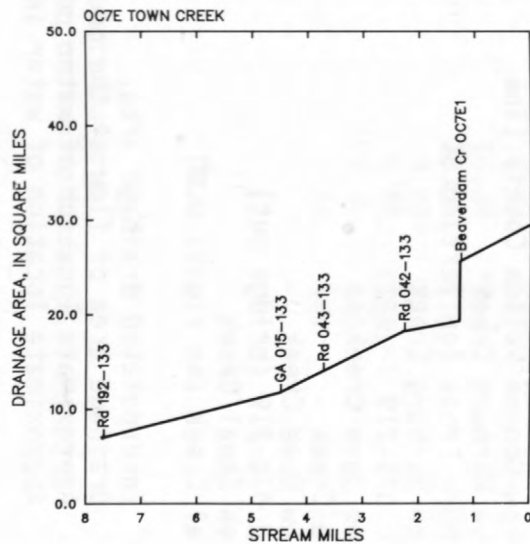


## EXPLANATION

- 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
- ^ Approximate location of water intake



EXPLANATION	
—	Drainage area profile
X	7Q10 data point
X—X	7Q10 Profile (Probable accuracy good)
X—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	
v	
^	Approximate location of water intake
^	
^	





# OC8 APALACHEE RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC8 APALACHEE RIVER (Gwinnett, Barrow, Walton, Oconee, Morgan, Greene County)			
Road 172-135	68.13	2.2	
Dacula Road 034-135	66.88	* 4.0	
Fence Road 202-135	65.49	* 5.9	0.77
Auburn Road 1944-135	64.81	6.8	.89
Road P229-013, Gwinnett-Barrow County Line	63.80	* 9.6	1.3
Seaboard Coast Line Railroad	63.64	* 10.0	1.3
US 29, GA 8-013	63.54	10.3	1.4
Lawrence Road 072-013	61.91	13.9	1.8
Above Drowning Creek	60.21	18.4	
Drowning Creek (on right)	60.21	(4.6)	
Below Drowning Creek	60.21	23.0	
Fred Kilcrease Road 075-013	59.55	* 24.2	
Patrick Mill (Harbin) Road 093-013	58.53	26.2	
Gwinnett-Walton-Barrow County Line	56.48	* 31.3	5.0
Above Williamson Creek	55.54	33.6	5.4
Williamson Creek (on left) OC8A	55.54	(9.1)	
Below Williamson Creek	55.54	42.7	6.8
GA 81-013	54.97	42.3	6.8
Tanners Bridge Road 120-013	52.25	48.1	7.7
Briscoe Mill Road 122-013	50.41	49.4	7.9
GA 11-013	49.22	53.8	8.6
Above Creek	48.48	54.2	8.7
Creek (on left) OC8B	48.48	(5.0)	
Below Creek	48.48	59.2	9.2
Road 125-013	47.55	62.1	9.5
Road 148-013	45.27	66.8	10.0
Road 149-013	44.44	* 67.9	10.1
Barrow-Oconee-Walton County Line	43.97	* 68.6	10.2
Above Marburg Creek	43.50	69.2	10.2
Marburg Creek (on left) OC8C	43.50	(26.0)	
Below Marburg Creek	43.50	95.2	13.0
Road 076-219	42.85	98.1	13.3
Above Dove Creek	40.80	100	13.5
Dove Creek	40.80	(3.9)	
Below Dove Creek	40.80	104	13.9
Road 070-219 (bridge out)	40.49	*104	13.9
Above Shoal Creek	40.40	104	13.9
Shoal Creek (on right) OC8D	40.40	(18.6)	

\* 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.

# OC8 APALACHEE RIVER --Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC8 APALACHEE RIVER -- Continued (Gwinnett, Barrow, Walton, Oconee, Morgan, Greene Counties)			
Below Shoal Creek	40.40	123	15.9
US 78, GA 10-219	39.03	124	16.0
Road 088-219	35.36	132	17.0
Above Turkey Creek	34.72	133	17.1
Turkey Creek (on right) OC8E	34.72	(7.4)	
Below Turkey Creek	34.72	140	18.0
Road 094-219	33.88	*142	18.2
Snows Mill Road 260-219	33.71	142	18.3
Above Lane Creek	30.51	147	18.9
Lane Creek (on left)	30.51	(4.5)	
Below Lane Creek	30.51	152	19.5
GA 186-211, Walton-Morgan-Oconee County Line	29.43	153	19.6
Above Robinson Creek	26.85	155	19.9
Robinson Creek (on left) OC8F	26.85	(17.9)	(3.6)
Below Robinson Creek	26.85	173	23.5
Road 245-211, Gage 02219000	24.70	175	24.0
Above Freeman Creek	22.65	178	24.3
Freeman Creek (on left) OC8G	22.65	(5.8)	
Below Freeman Creek	22.65	184	24.9
Above Jacks Creek	20.65	186	25.2
Jacks Creek (on right) OC9	20.65	(58.7)	
Below Jacks Creek	20.65	245	31.3
US 441, 129, GA 24-211	18.73	250	31.8
Georgia Railroad	18.28	*251	31.9
Above Wolf Creek	16.57	253	32.1
Wolf Creek (on left) OC8H	16.57	(6.5)	
Below Wolf Creek	16.57	260	32.8
Oconee-Greene-Morgan County Line	16.24	*261	32.9
Trimble Bridge Road 022-133	12.36	271	33.9
Above Hard Labor Creek	9.40	276	34.5
Hard Labor Creek (on right) OC10	9.40	(164)	
Below Hard Labor Creek	9.40	440	51.5
US 278, GA 012-133, Gage 02219500	7.74	444	52.0

\* 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.

# OC8 TRIBUTARIES TO APALACHEE RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC8A WILLIAMSON CREEK (Barrow County)			
Kennedy-Sells Road 082-013 (first)	5.87	1.0	
Patrick Mill Road 021-013	4.02	4.3	1.5
Haymon Morris Road 092-013	2.31	* 6.5	2.2
Kennedy-Sells Road 082-013 (second)	.65	8.5	
Mouth	0	9.1	
OC8B CREEK (Barrow County)			
Briscoe Mill Road 122-013	1.79	2.6	
Arch Tanner Road 124-013	1.08	* 3.8	
GA 11-013, Winder-Monroe Highway	.64	4.6	
Mouth	0	5.0	
OC8C MARBURG CREEK (Barrow, Oconee Counties)			
GA 81-013	8.65	3.5	
Above Left Fork Marburg Creek	7.20	4.9	
Left Fork Marburg Creek, <<< Winder WPCP	7.20	(4.7)	
Below Left Fork Marburg Creek	7.20	9.6	1.2
Lake	6.98	* 10.0	1.2
GA 11-013	6.63	10.7	1.3
Milsaps Road 136-013	6.16	* 12.5	1.5
Harrison Mill Road 144-013	4.98	17.1	
GA 324-013	4.00	18.5	
Sand Pump Road 147-013	2.13	23.5	
Road 144-013	.42	26.0	
Barrow-Oconee County Line	.07	* 26.0	
Mouth	0	26.0	
OC8D SHOAL CREEK (Walton County)			
John Stowe Road 003-297	7.90	3.2	
Dry Pond Road 261-297	6.75	* 4.7	
Gratis Road 465-297	5.34	6.5	
Mount Vernon Road 336-297	4.25	9.0	
Pleasant Valley Road 431-297	3.07	* 10.7	
Carl Moon Road 318-297 (first)	2.95	* 10.9	
Carl Moon Road 318-297 (second)	2.57	* 11.5	

\* 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.

# OC8 TRIBUTARIES TO APALACHEE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC8D SHOAL CREEK (Walton County) -- Continued			
Above Creek	1.91	12.4	
Creek (on right)	1.91	(4.0)	
Below Creek	1.91	16.4	
Shoal Creek Road 432-297	.86	* 17.6	
Mouth	0	18.6	
OC8E TURKEY CREEK (Walton County)			
Pleasant Valley Road 433-297	2.43	3.9	
Cemetery Road 313-297	1.57	5.5	
Carmel Church Road 310-297	.37	7.2	
Mouth	0	7.4	
OC8F ROBINSON CREEK (Oconee County)			
Road 270-219	2.50	3.9	
GA 186-219	1.43	5.0	
Above Frazer Creek	.58	5.8	
Frazer Creek (on right) OC8F1	.58	(8.2)	
Below Frazer Creek	.58	14.0	2.7
Above Middle Robinson Creek	.43	14.1	2.8
Middle Robinson (on left)	.43	(3.8)	
Below Middle Robinson Creek	.43	17.9	3.5
Road 101-219	.30	* 17.9	3.5
Mouth	0	17.9	3.5
OC8F1 FRAZER CREEK (Oconee County)			
Rays Church Road 099-219	2.63	4.0	
GA 186-219	1.74	* 5.4	
Mouth	0	8.2	
OC8G FREEMAN CREEK (Oconee County)			
Road 169-219	2.07	2.8	
Road 109-219	.99	5.3	
Mouth	0	5.8	

\* 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.

# OC8 TRIBUTARIES TO APALACHEE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC8H WOLF CREEK (Oconee County)			
Road 116-219	2.46	3.5	0.40
Mouth	0	6.5	

OC8H CREEK (Barrow County)

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.

OC8H CREEK (Oconee County)

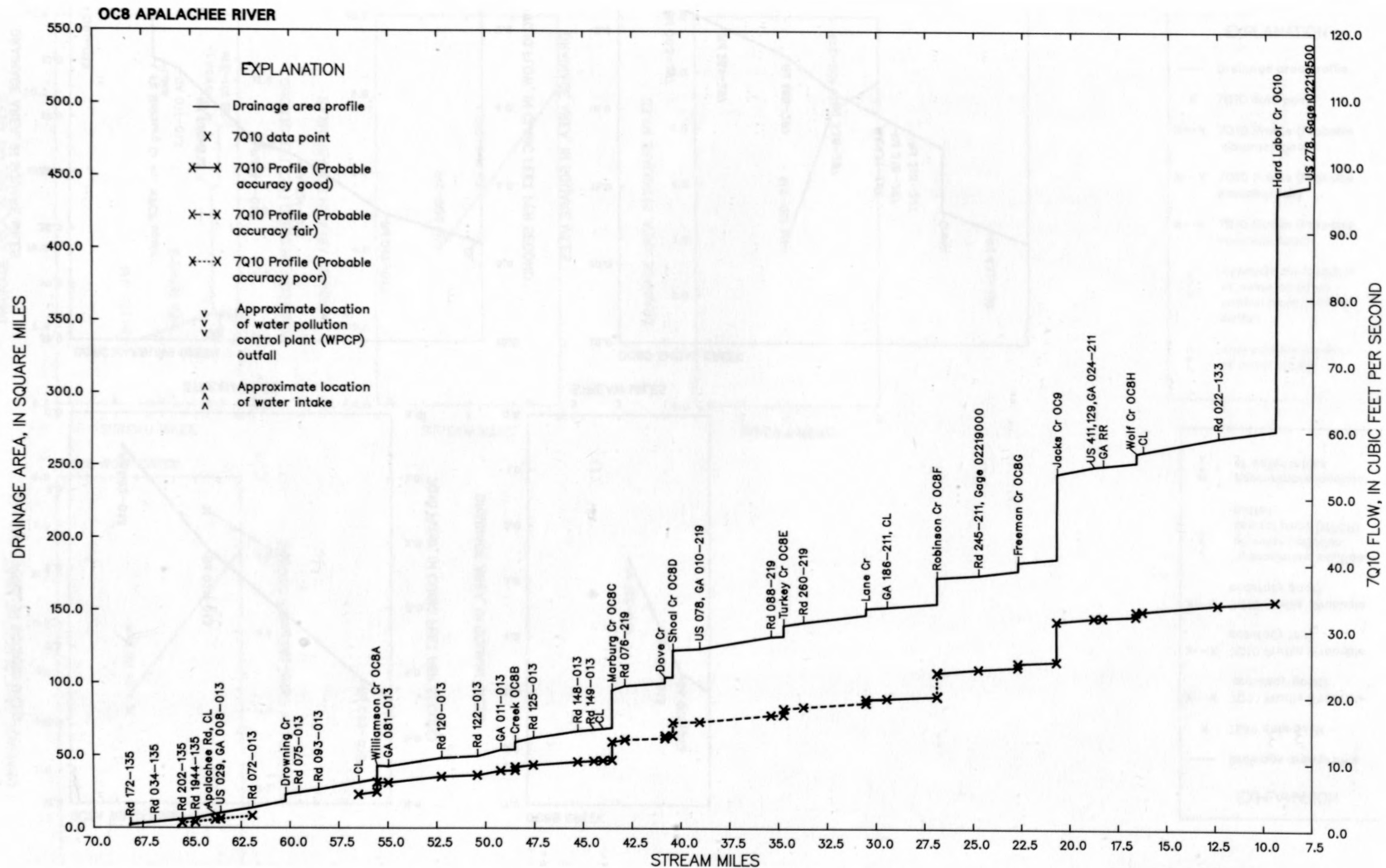
Interpolated drainage area  
( ) Drainage area or flow at the mouth of a tributary.  
<<< Approximate location of water pollution control plant (WPCP) outfall.  
>>> Approximate location of water intake.

OC8H CREEK (Walton County)

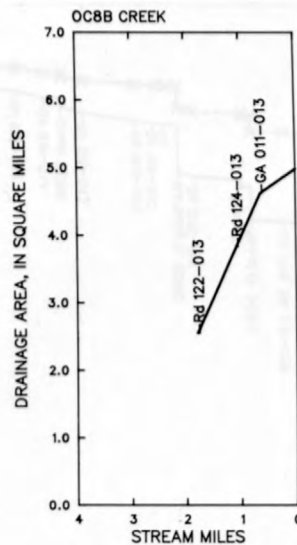
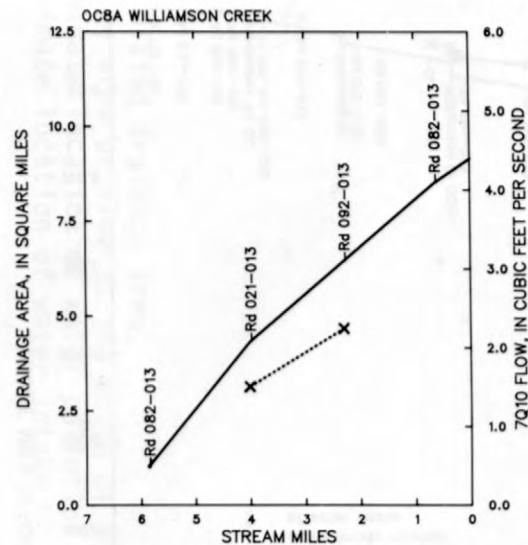
Interpolated drainage area  
( ) Drainage area or flow at the mouth of a tributary.  
<<< Approximate location of water pollution control plant (WPCP) outfall.  
>>> Approximate location of water intake.

OC8H CREEK (Walton County)

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.

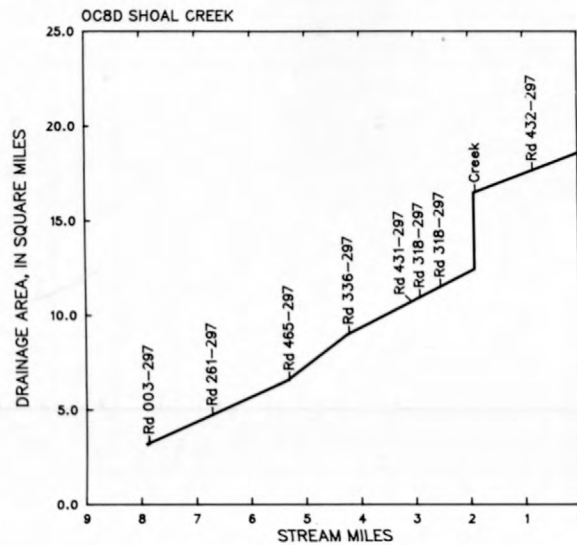
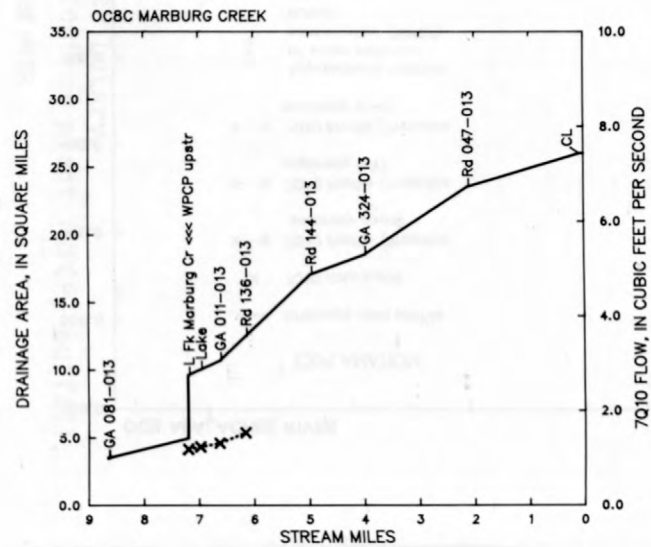


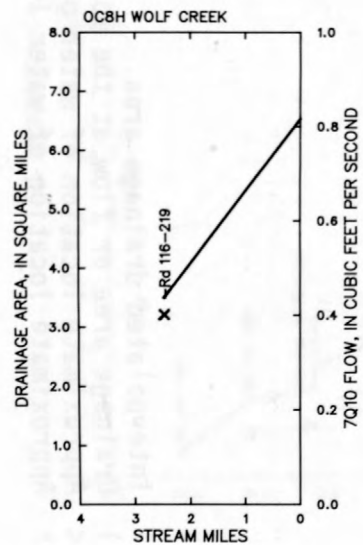
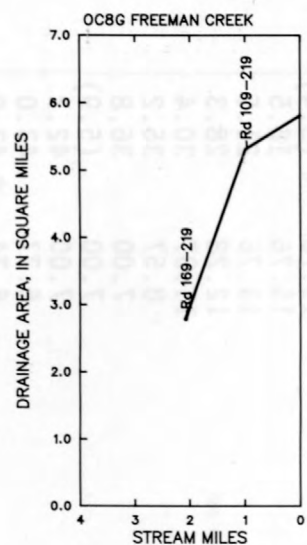
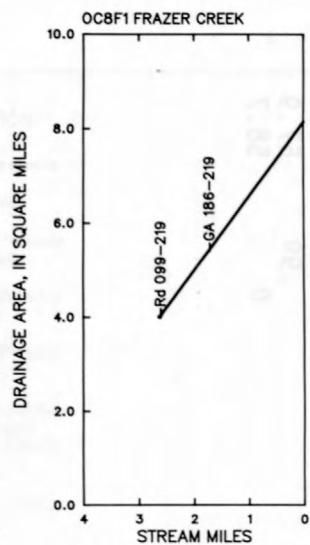
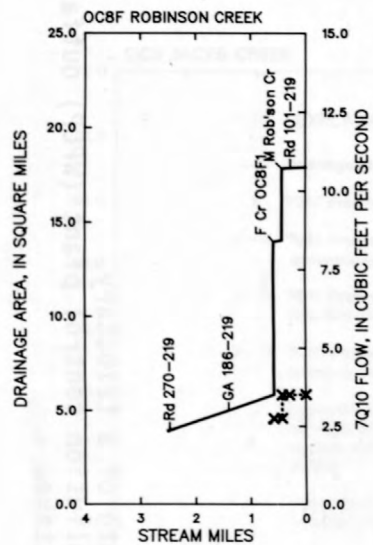




## EXPLANATION

- 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





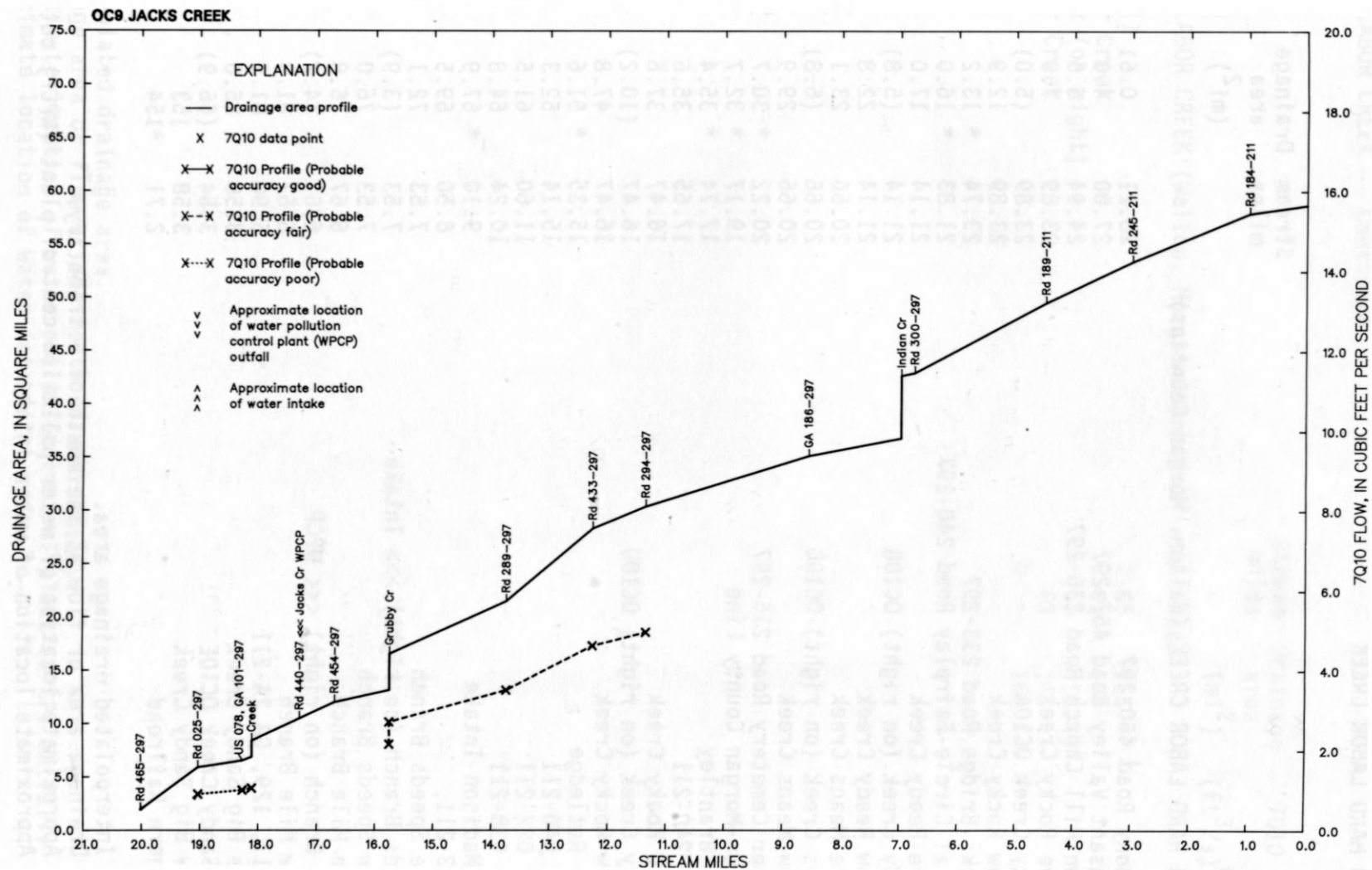
## EXPLANATION

- 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
- A Approximate location of water intake

# OC9 JACKS CREEK

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC9 JACKS CREEK (Walton, Morgan Counties)			
Gratis Road 465-297	20.01	2.0	
Old Athens Road 025-297	19.03	5.9	0.90
US 78, GA 10-297	18.27	6.5	1.0
Above Creek	18.11	6.9	1.1
Creek (on right)	18.11	(1.5)	
Below Creek	18.11	8.4	1.3
Pipeline Rd 440-297 <<< Jacks Creek WPCP	17.30	* 10.5	
Snows Mill Road 454-297	16.70	12.0	2.0
Above Grubby Creek	15.76	13.1	2.1
Grubby Creek	15.76	(3.4)	
Below Grubby Creek	15.76	16.5	2.7
Bearden Road 289-297	13.76	21.5	3.5
Jacks Creek Road 433-297	12.28	28.3	4.6
Thurston Snow Road 294-297	11.37	30.4	5.0
GA 186-297	8.57	35.2	
Above Indian Creek	7.00	36.8	
Indian Creek (on right)	7.00	(5.9)	
Below Indian Creek	7.00	42.7	
Indian Creek Road 300-297	6.77	43.0	
Walton-Morgan County Line	6.74	* 43.0	
Road 189-211	4.50	49.5	
Road 245-211	3.00	53.4	
Wagon Mill Road 184-211	.99	57.9	
Mouth	0	58.7	

- \* 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.



# OC10 HARD LABOR CREEK

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC10 HARD LABOR CREEK (Walton, Morgan Counties)			
Harmony Road 460-297	28.21	0.61	
Pleasant Valley Road 457-297	27.00	4.0	
Brown Hill Church Road 230-297	24.94	6.5	
Above Rocky Creek	23.89	7.9	
Rocky Creek OC10A	23.89	(5.0)	
Below Rocky Creek	23.89	12.9	
Chicks Bridge Road 233-297	23.74	* 13.2	
Social Circle-Fairplay Road 240-297	21.83	* 16.0	
Above Reedy Creek	21.14	17.0	
Reedy Creek (on right) OC10B	21.14	(5.8)	
Below Reedy Creek	21.14	22.8	3.9
Above Means Creek	20.66	23.1	3.9
Means Creek (on right) OC10C	20.66	(6.8)	
Below Means Creek	20.66	29.9	5.0
Conner Cemetery Road 216-297	20.22	* 30.7	5.2
Walton-Morgan County Line	19.17	* 32.7	5.5
Lake Brantley	17.74	* 35.4	6.0
Road 240-211	17.65	35.6	6.0
Above Rocky Creek	16.47	37.6	6.3
Rocky Creek (on right) OC10D	16.47	(10.2)	
Below Rocky Creek	16.47	47.8	8.1
Lake Rutledge	15.35	* 51.6	8.7
Road 040-211	15.14	52.3	8.8
Road 022-211	11.60	61.5	
Road 038-211	10.24	64.8	
>>> Madison Intake	9.10	* 67.9	
GA 83-211	8.50	69.5	
Above Speeds Branch	7.53	72.1	
Speeds Branch (on right) >>> Intake	7.53	(3.9)	
Below Speeds Branch	7.53	76.0	
Above Mile Branch	6.67	76.8	
Mile Branch (on right) <<< WPCP	6.67	(4.2)	
Below Mile Branch	6.67	81.0	
US 411, 129, GA 24-211	5.90	81.9	
Above Big Sandy Creek	3.58	86.0	
Big Sandy Creek OC10E	3.54	(66.9)	
Below Big Sandy Creek	3.58	153	
Southern Railroad	2.71	*154	

\* 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.

# OC10 HARD LABOR CREEK -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC10 HARD LABOR CREEK (Walton, Morgan Counties) --Continued			
Road 169-211	2.65	155	
Above Briar Creek	.63	157	
Briar Creek (on right)	.63	(6.4)	
Below Briar Creek	.63	163	
Mouth	0	164	

\* 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.



# OC10 TRIBUTARIES TO HARD LABOR CREEK

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC10A ROCKY CREEK (Walton County)			
Paron Church Road 218-297	0.83	4.4	
Mouth	0	5.0	
OC10B REEDY CREEK (Walton County)			
Hamp Phelps Road 237-297	1.93	4.3	
Social Circle-Fairplay Road 240-297	1.37	* 4.9	
Paron Church Road 218-297	.80	5.4	
Mouth	0	5.8	
OC10C MEANS CREEK (Walton County)			
Hawkins Academy Road 210-297	2.56	4.1	
Paron Church Road 218-297	.52	* 6.3	
Mouth	0	6.8	
OC10D ROCKY CREEK (Walton, Morgan Counties)			
Road 045-211	3.69	3.5	
Road 240-211	.69	8.0	
Mouth in Lake Rutledge	0	10.2	
OC10E BIG SANDY CREEK (Walton, Morgan Counties)			
Adcock Road 250-297	17.62	4.1	
Knight's Cemetery Road 248-297	15.48	7.3	
Walton-Morgan County Line	13.35	* 12.1	
Road 242-211	11.96	15.3	
Above Little Sandy Creek	11.24	15.7	
Little Sandy Creek (on left) OC10E1	11.24	(14.5)	
Below Little Sandy Creek	11.24	30.2	3.2
Road 243-211	10.21	32.0	3.4
Above Little Creek	8.21	35.0	3.7
Little Creek (on right) OC10E2	8.21	(5.2)	
Below Little Creek	8.21	40.2	4.3
GA 83-211	7.58	40.3	4.3
Above Little Sandy Creek	5.30	43.2	4.6
Little Sandy Creek (on right) OC10E3	5.30	(7.2)	

\* 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.

OC10 TRIBUTARIES TO HARD LABOR CREEK -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC10E BIG SANDY CREEK (Walton, Morgan Counties) -- Continued			
Below Little Sandy Creek	5.30	50.4	5.3
Above Beaverdam Creek	3.21	53.7	5.7
Beaverdam Creek (on left) OC10E4	3.21	(9.2)	(.80)
Below Beaverdam Creek	3.21	62.9	6.5
US 441, 129, GA 24-211	3.15	62.9	6.5
Road 172-211	1.29	66.0	6.8
Mouth	0	66.9	6.9

OC10E1 LITTLE SANDY CREEK (Walton, Morgan Counties)

Queens Cemetery Road 267-297	4.26	2.6	
Double Springs Road 260-297	3.58	* 3.7	
Nunnally Shoals Road 249-297	3.07	4.5	
Chandler Road 253-297	1.26	7.5	
Road 002-211	.75	10.7	
Above Turkey Creek	.16	11.0	
Turkey Creek (on left)	.16	(3.2)	
Below Turkey Creek	.16	14.2	
Mouth	0	14.5	

OC10E2 LITTLE CREEK (Morgan County)

Road 242-211	1.62	3.5	
Mouth	0	5.2	

OC10E3 LITTLE SANDY CREEK (Morgan County)

Road 019-211	4.44	1.5	
Road 242-211	2.91	2.9	
GA 083-211	1.47	5.7	
Mouth	0	7.2	

OC10E4 BEAVERDAM CREEK (Morgan County)

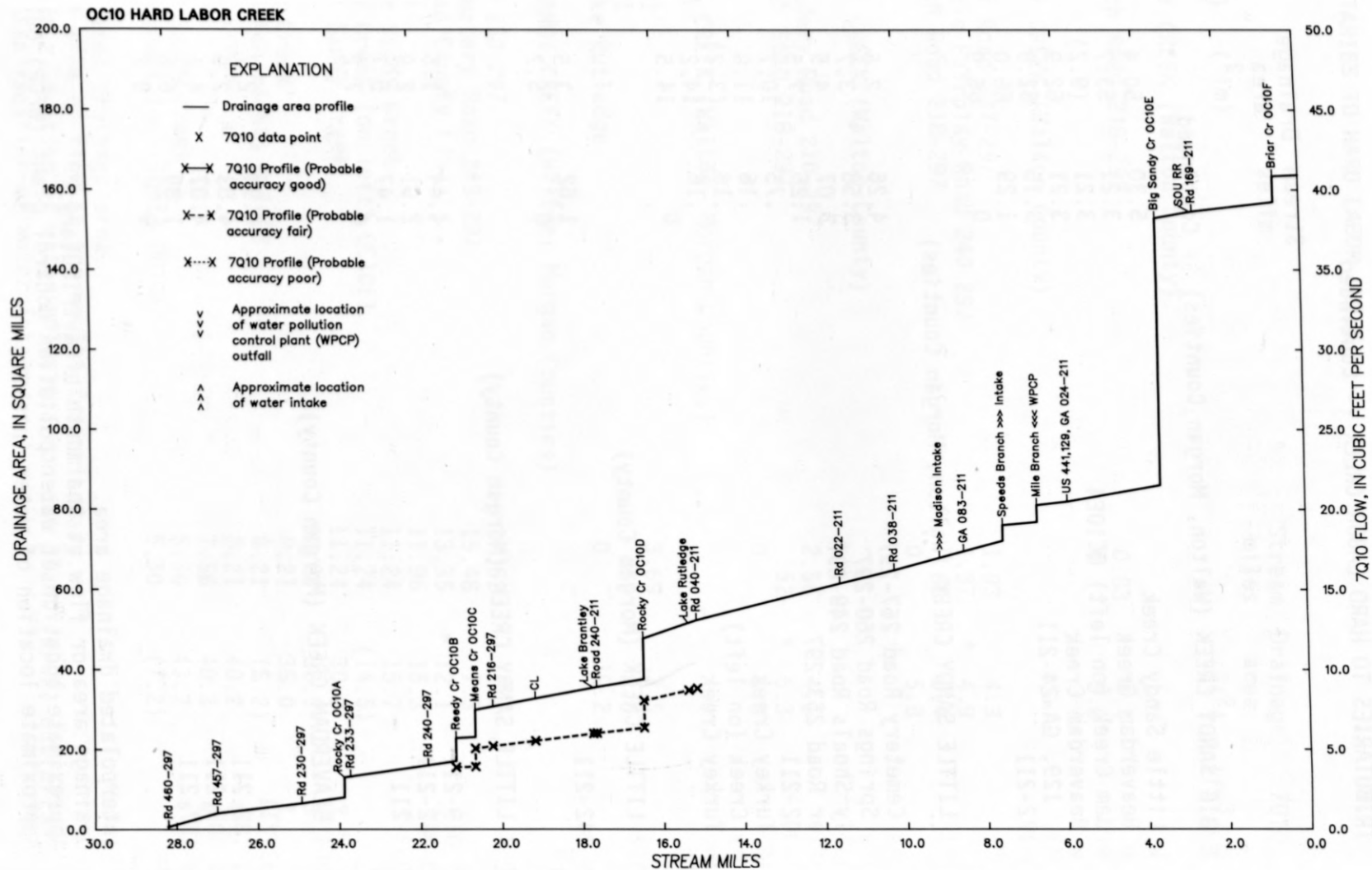
GA 83-211	4.94	2.7	
Road 182-211	4.83	* 2.9	
Road 006-211	4.07	4.1	
Road 177-211	1.89	6.6	0.57
Mouth	0	9.2	.80

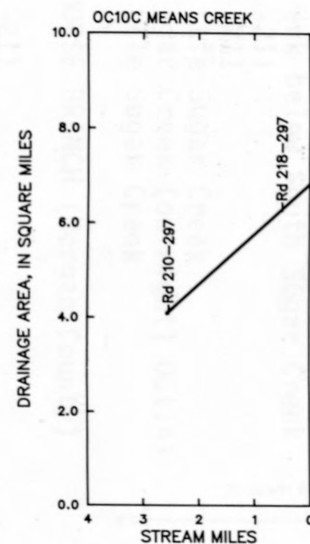
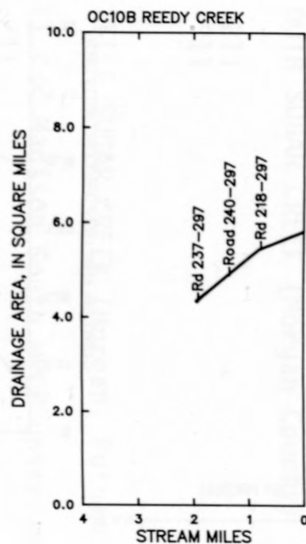
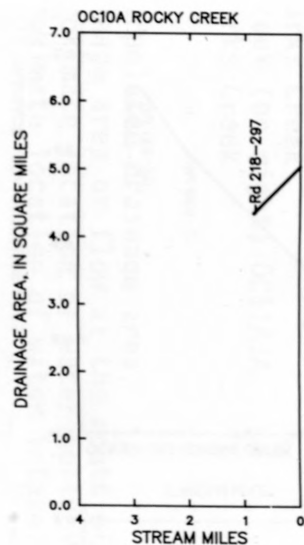
\* Interpolated drainage area.

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

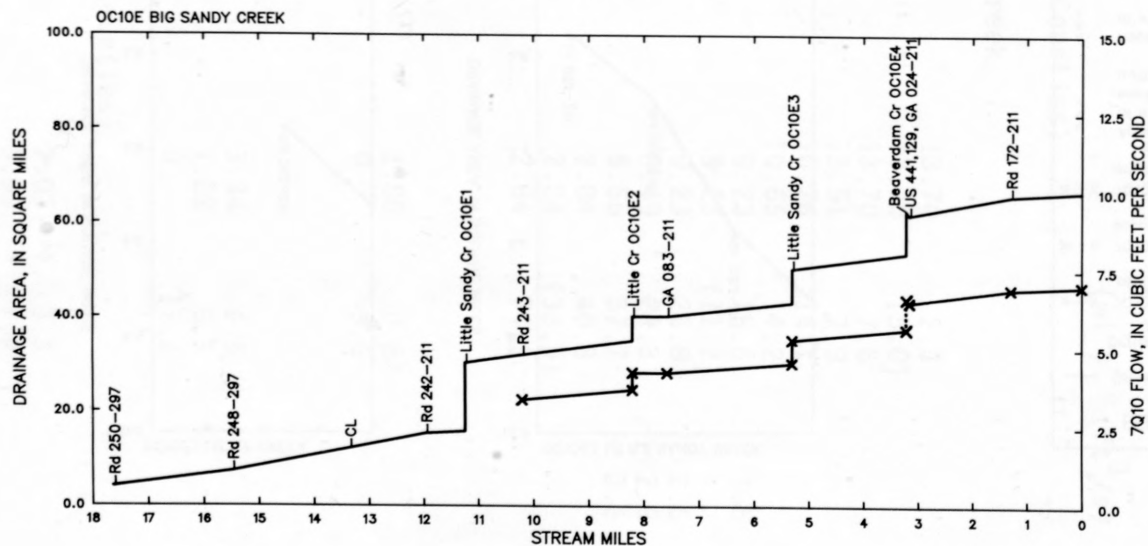
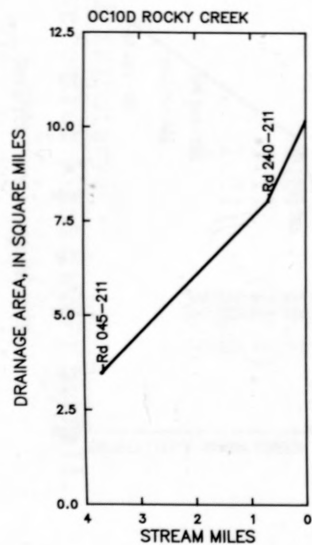
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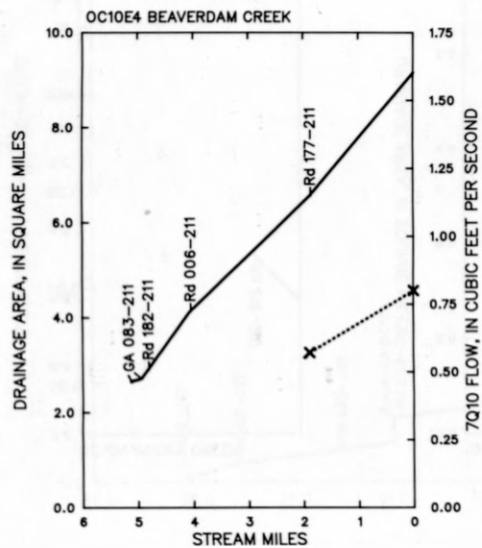
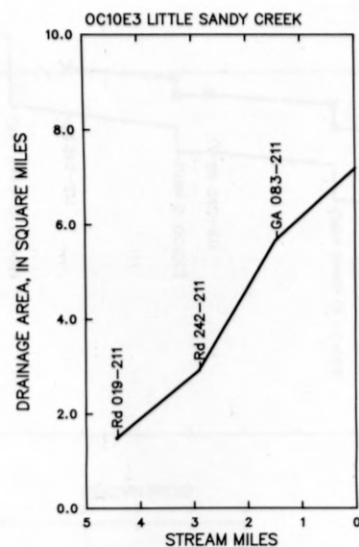
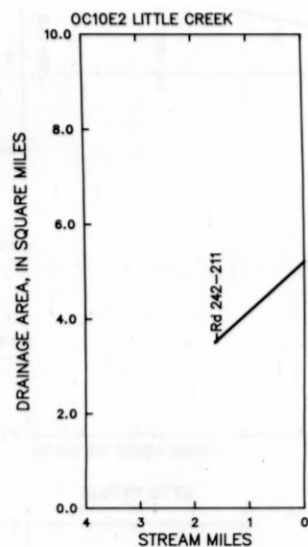
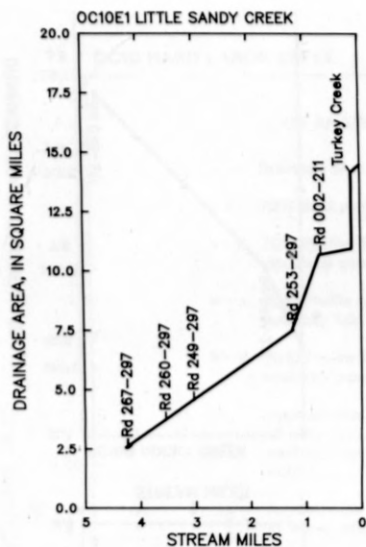
>>> Approximate location of water intake.





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
^	
^	





## 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

# OC11 TRIBUTARIES TO LAKE OCONEE FROM US 278 TO WALLACE DAM

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC11A SUGAR CREEK (Morgan, Putnam, Greene Counties)			
Note: North Sugar Creek is head of Sugar Creek			
North Sugar Creek above Horse Branch	13.70	2.6	
Horse Branch (on right) OC11A1	13.70	(5.0)	
Below Horse Branch	13.70	7.6	
Road 153-211	13.51	7.9	
Road 151-211	10.76	14.1	
Interstate 20	10.65	* 14.2	
Above South Sugar Creek	9.23	15.6	1.5
South Sugar Creek (on right) OC11A2	9.23	(11.2)	
Sugar Creek below South Sugar Creek	9.23	26.8	2.6
Road 251-211	8.49	29.3	2.8
Road 134-211	5.56	37.7	3.6
Above Little Sugar Creek	2.84	40.8	
Little Sugar Creek (on right) OC11A3	2.84	(33.5)	
Below Little Sugar Creek	2.84	74.3	

## OC11A1 HORSE BRANCH (Morgan County)

Road 252-211	2.86	0.82
Mouth	0	5.0

## OC11A2 SOUTH SUGAR CREEK (Morgan County)

Road 252-211	3.34	6.5
Road 214-211	1.82	8.8
Mouth	0	11.2

## OC11A3 LITTLE SUGAR CREEK (Morgan, Putnam Counties)

Rd 129-211 <<< Madison South WPCP upstream	7.02	3.5
Road 251-211	5.63	7.4
Road 127-211	4.18	12.5
Road 133-211	2.16	18.9
Above Clarks Creek	1.21	19.7
Clarks Creek (on right) OC11A3A	1.21	(11.1)
Below Clarks Creek	1.21	30.8
Mouth	0	33.5

\* 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.



OC11 TRIBUTARIES TO LAKE OCONEE FROM US 278 TO WALLACE DAM -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC11A3A CLARKS CREEK (Putnam, Morgan Counties)			
Griffith Road 097-237	4.25	2.9	
Road 131-237	2.70	4.5	
Putnam-Morgan County Line	2.33	*	5.4
Mouth	0		11.1
OC11B LICK CREEK (Putnam County)			
Road 133-237	5.44	9.4	
Above Glade Branch	3.99	10.5	
Glade Branch (on left)	3.99	(3.5)	
Below Glade Branch	3.99	14.0	
OC11C RICHLAND CREEK (Greene County)			
Road 110-133 (first)	17.65	2.9	
Road 110-133 (second)	16.70	5.6	
Above Rush Creek	15.90	6.1	
Rush Creek (on left)	15.90	(3.4)	
Below Rush Creek	15.90	9.5	
Road 192-133	14.85	11.8	
>>> Greensboro Intake	13.57	* 14.3	
GA 15-133	12.07	17.3	
<<< Greensboro WPCP	11.97	* 17.4	
US 278, GA 12-133	10.83	19.5	
Georgia Railroad	9.10	* 21.5	
Shelby Dreyer Road 038-133	8.57	* 22.1	
Above Town Creek	8.32	22.4	
Town Creek (on left) OC11C1, <<< WPCP	8.32	(8.0)	
Below Town Creek	8.32	30.4	
Interstate 20, GA 402-133	8.21	* 30.6	
Above Little Creek	5.10	34.6	
Little Creek (on left) OC11C2	5.10	(5.8)	
Below Little Creek	5.10	40.4	
GA 44-133	4.26	41.5	
Above Beaverdam Creek in Lake Oconee	.10	52.9	
Beaverdam Creek (on left) OC11C3	.10	(24.7)	
Below Beaverdam Creek in Lake Oconee	.10	77.6	

\* 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.

## OC11 TRIBUTARIES TO LAKE OCONEE FROM US 278 TO WALLACE DAM -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC11C1 TOWN CREEK (Greene County)			
GA 15-133	4.11	1.2	
Road 191-133	3.11	* 3.3	
<<< Greensboro South WPCP	1.96	* 5.7	
GA 44-133	1.41	6.8	
Old Eatonton Road 039-133	.95	7.3	
Mouth	0	8.0	
OC11C2 LITTLE CREEK (Greene County)			
GA 44-133	0.62	5.0	
Mouth	0	5.8	
OC11C3 BEAVERDAM CREEK (Greene County)			
GA 15-133	9.55	6.9	
Interstate 20	8.61	* 8.0	
Above Oliver Creek	7.43	9.3	
Oliver Creek (on left)	7.43	(4.0)	
Below Oliver Creek	7.43	13.3	
Above Bowden Creek	6.61	14.0	
Bowden Creek (on left) OC11C3A	6.61	(7.6)	
Below Bowden Creek	6.61	21.6	0.53
Old Sparta Road 191-133	6.57	21.6	.53
Leslie Mill Road 066-133	5.17	24.7	.60
OC11C3A BOWDEN CREEK (Greene County)			
GA 15-133	3.92	2.2	
Interstate 20	3.68	* 2.5	
Road 176-133	3.60	* 2.6	
>>> Feldspar Corp. Intake	3.39	* 2.9	
O'Neal Road 075-133	3.36	* 3.0	
Poulcott Road 176-133	2.04	4.8	
Mouth	0	7.6	

\* Interpolated drainage area.

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

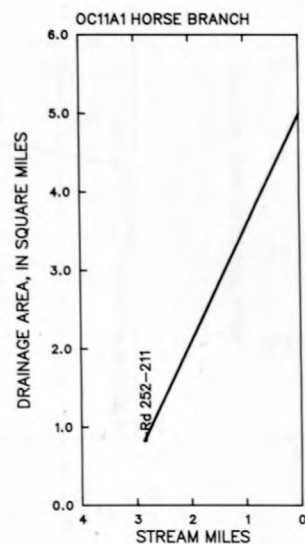
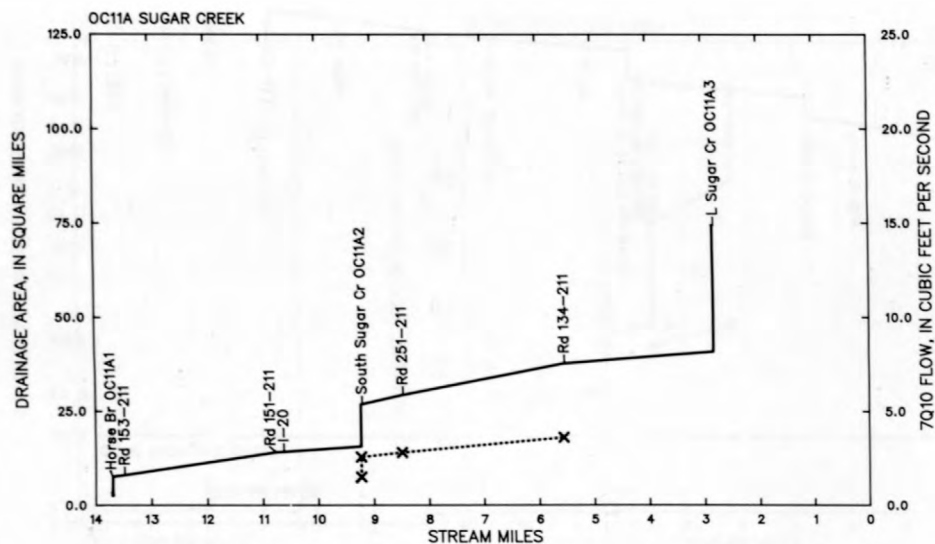
<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.

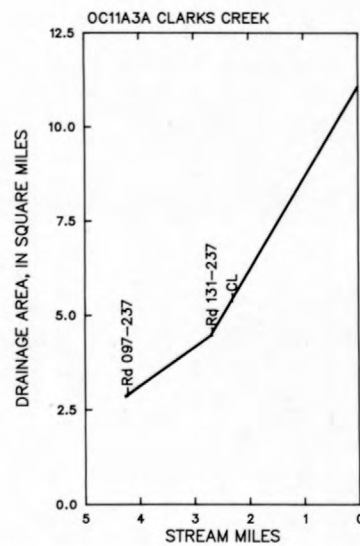
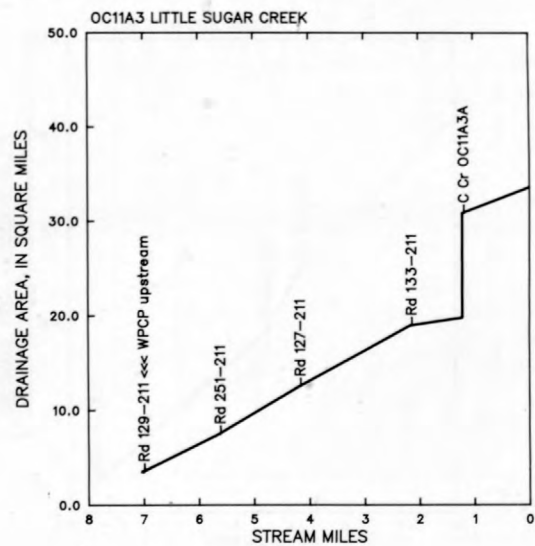
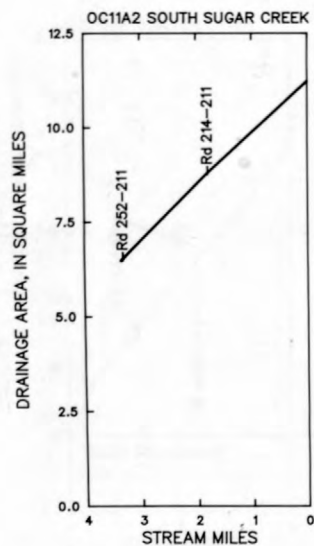
# OC11 TRIBUTARIES TO LAKE OCONEE FROM US 278 TO WALLACE DAM -- Continued

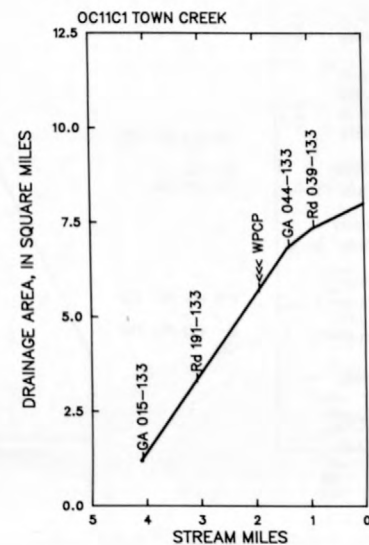
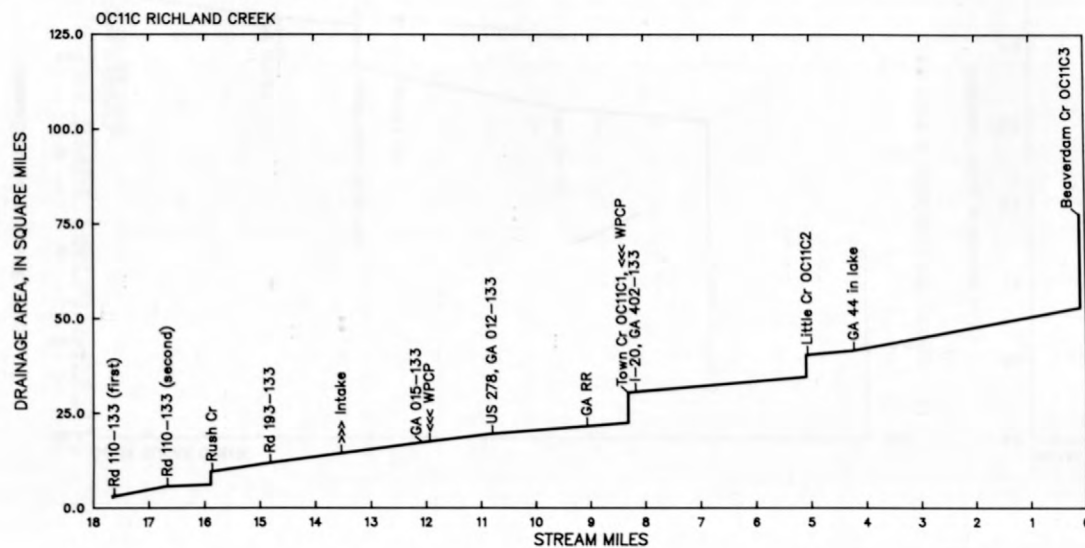
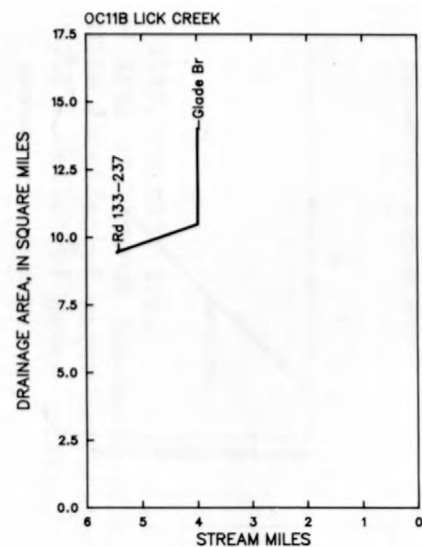
Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC11C3B STEWARTS CREEK (Greene County)			
Billy Merritt Road 076-133	6.50	0.78	
White Plains Road 081-133	3.42	4.8	
Old Sparta Road 191-133	2.79	6.5	
Mouth in Lake Oconee	0	10.5	

- \* 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.



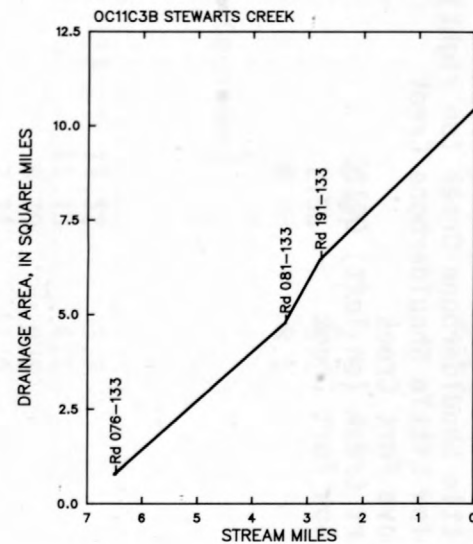
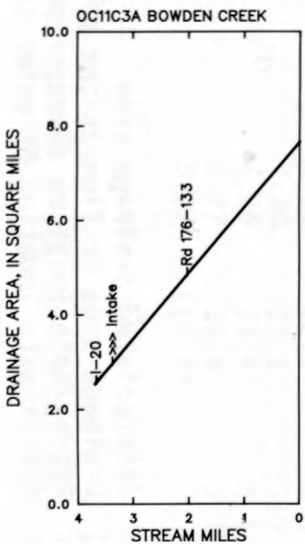
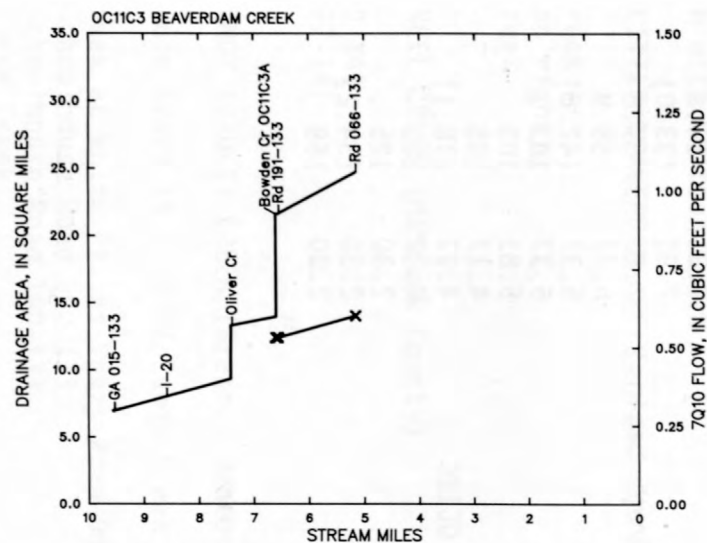
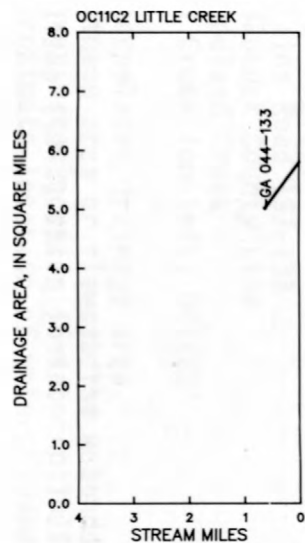
EXPLANATION	
—	Drainage area profile
X	7Q10 data point
X—X	7Q10 Profile (Probable accuracy good)
X--X	7Q10 Profile (Probable accuracy fair)
X---X	7Q10 Profile (Probable accuracy poor)
∇	Approximate location of water pollution control plant (WPCP) outfall
∇	
∇	
△	Approximate location of water intake
△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





## 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)
- ∨ 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



# OC12 SHOULDERBONE CREEK

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC12 SHOULDERBONE (WHITTEN) CREEK (Greene, Hancock Counties)			
Note: Whitten Creek is head of Shoulderbone Creek			
Whitten Creek at Road 031-141	15.68	5.3	
Road 010-141	14.40	10.2	0.05
GA 15,77-141, Gage 02220550	11.70	16.6	.08
Above Plunkett Creek	10.30	17.3	.08
Plunkett Creek (on right)	10.30	(4.4)	
Below Plunkett Creek	10.30	21.7	.10
GA 77-141	8.16	24.7	.12
Above Beaverdam Creek	7.81	24.8	.12
Beaverdam Creek (on left) OC12A	7.81	(33.0)	
Below Beaverdam Creek (Shoulderbone Creek begins)	7.81	57.8	.22
Above Lundy Creek	6.37	59.9	.23
Lundy Creek (on right) OC12B	6.37	(42.8)	
Below Lundy Creek	6.37	103	.40
GA 16-141	5.81	103	.40
Above Little Shoulderbone Creek	4.17	105	.41
Little Shoulderbone Creek (on right) OC12C	4.17	(18.1)	
Below Little Shoulderbone Creek	4.17	123	.48
Above Fort Creek	2.30	125	
Fort Creek (on left) OC12D	2.30	(34.2)	
Below Fort Creek	2.30	159	

\* 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.

# OC12 TRIBUTARIES TO SHOULDERBONE CREEK

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC12A BEAVERDAM CREEK (Hancock County)			
Road 015-141	9.64	1.1	
GA 015-141	5.44	10.7	
Road 007-141	3.61	* 12.4	
Above Little Beaverdam Creek	2.77	13.2	
Little Beaverdam Creek (on left) OC12A1	2.77	(7.2)	
Below Little Beaverdam Creek	2.77	20.4	
Above Neel Creek	.70	24.5	
Neel Creek (on right) OC12A2	.70	(8.1)	
Below Neel Creek	.70	32.6	
Junction with Whitten Creek	0	33.0	
OC12A1 LITTLE BEAVERDAM CREEK (Hancock County)			
Above Creek	1.14	2.4	
Creek (on right)	1.14	(3.0)	
Below Creek	1.14	5.4	
Mouth	0	7.2	
OC12A2 NEEL CREEK (Hancock County)			
Road 010-141	5.01	2.2	
GA 15, 77-141	2.56	5.1	
Mouth	0	8.1	
OC12B LUNDY (BRUCE) CREEK (Greene, Hancock Counties)			
Note: Bruce Creek is head of Lundy Creek			
Bruce Creek at White Plains-Veazy Road 081-133	11.52	3.7	
Fuller Schoolhouse Road 190-133	11.13	4.1	
Fuller Schoolhouse Road 190-133	8.79	9.6	
Above Pierce Creek	7.21	11.0	
Pierce Creek (on left) OC12B1	7.21	(11.1)	
Below Pierce Creek	7.21	22.1	3.0
White Plains Road 197-133	7.20	22.1	3.0
Greene-Hancock County Line	6.26	23.4	3.1
Above Copeland Creek	5.27	24.9	3.3
Copeland Creek (on left) OC12B2	5.27	(10.4)	

\* 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.

# OC12 TRIBUTARIES TO SHOULDERBONE CREEK -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC12B LUNDY (BRUCE) CREEK (Greene, Hancock Counties) -- Continued			
Below Copeland Creek (Lundy Creek begins)	5.27	35.3	4.2
GA 77-141	.34	42.7	4.9
Mouth	0	42.8	
OC12B1 PIERCE CREEK (Greene County)			
White Plains-Veazy Road 081-133	3.56	6.4	
Mouth	0	11.1	
OC12B2 COPELAND CREEK (Greene, Hancock Counties)			
Edwards Road 011-141	2.51	4.9	
GA 15,77-141	2.19	5.8	
Mouth	0	10.4	
OC12C LITTLE SHOULDERBONE (KIMBRO) CREEK (Greene, Hancock Counties)			
Kimbro Creek at White Plains Rd 197-133	8.68	3.7	
Above Hightower Creek	6.13	5.8	0.57
Hightower Creek (on left)	6.13	(4.0)	
Little Shoulderbone below Hightower Creek	6.13	9.8	.96
Centennial Church Road 059-133	5.86	* 10.2	1.0
Greene-Hancock County Line	5.48	* 10.7	1.1
GA 16-141	1.02	16.7	
Mouth	0	18.1	
OC12D FORT CREEK (Hancock County)			
Road 131-141	9.78	4.0	
Road 144-141	8.34	9.0	
>>> City of Sparta Intake	6.90	* 14.9	0.84
Road 233-141	6.71	15.7	.89
Road 139-141	4.45	21.2	1.2
Above Sikes Creek	3.88	21.6	1.2
Sikes Creek (on left) OC12D1	3.88	(11.3)	
Below Sikes Creek	3.88	32.9	1.7
Mouth	0	34.2	1.7

\* 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.

OC12 TRIBUTARIES TO SHOULDERBONE CREEK -- Continued

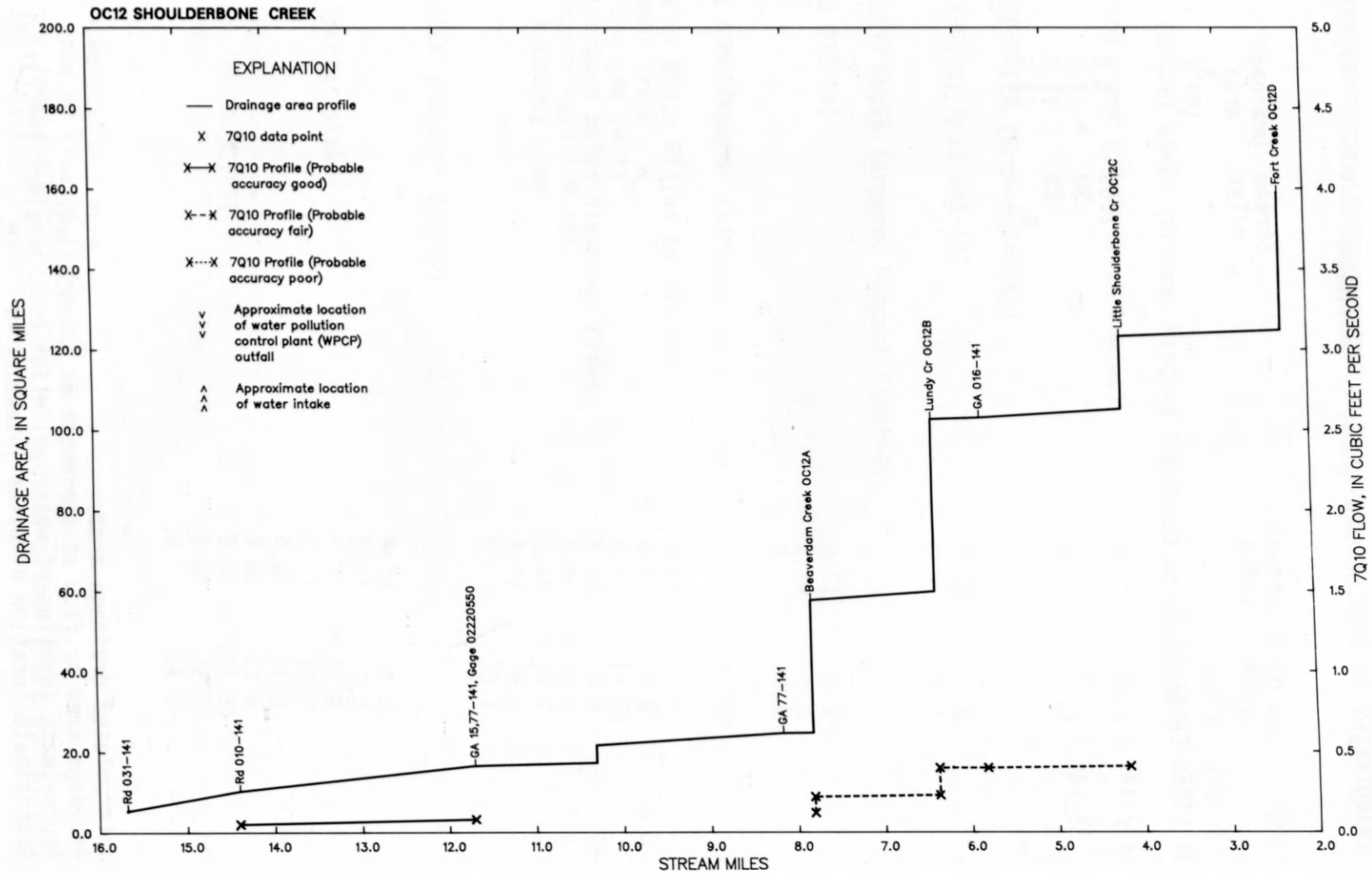
Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC12D1 SIKES CREEK (Hancock County)			
Road 137-141	1.55	9.6	
Lake	.30	* 11.2	
Road 135-141	.29	11.2	
Mouth	0	11.3	

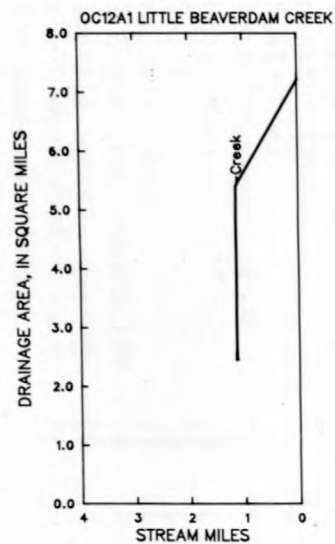
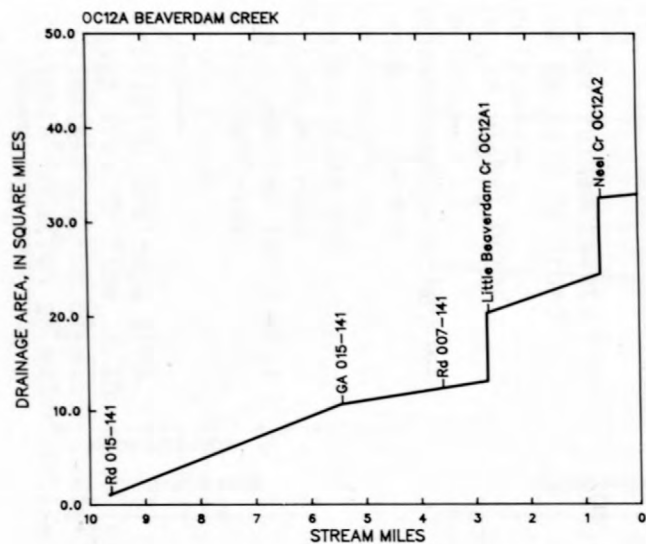
\* Interpolated drainage area.

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

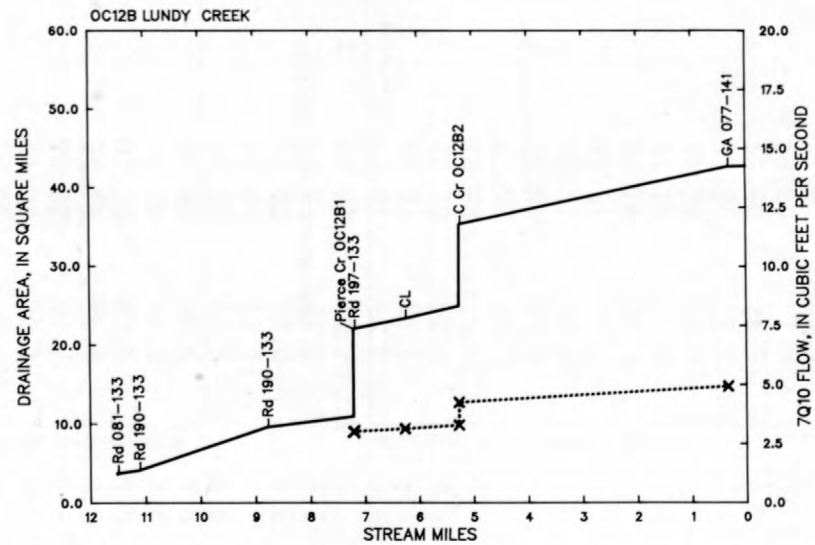
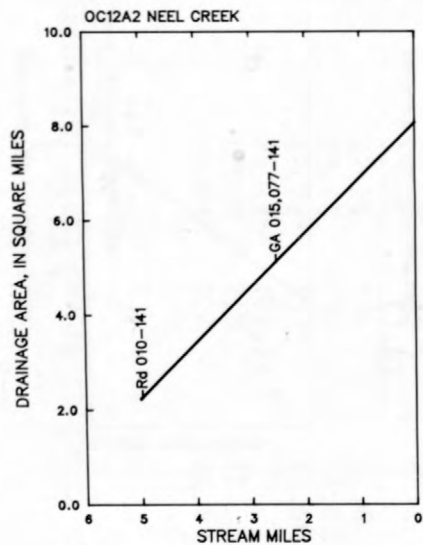
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>>> Approximate location of water intake.

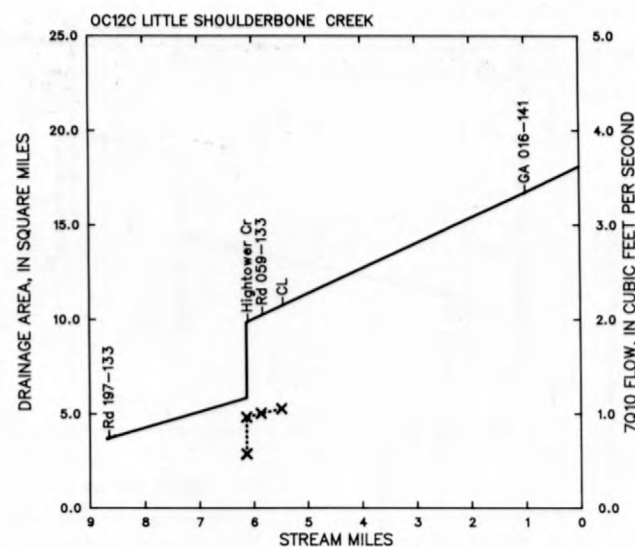
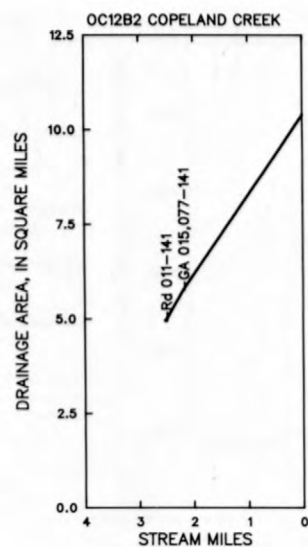
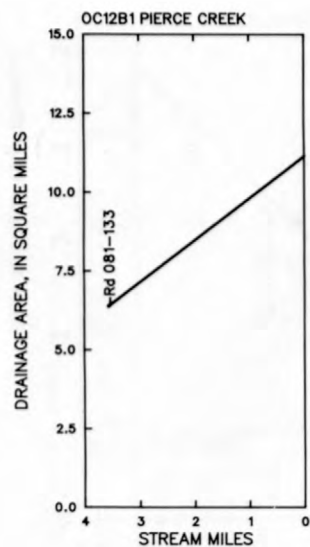




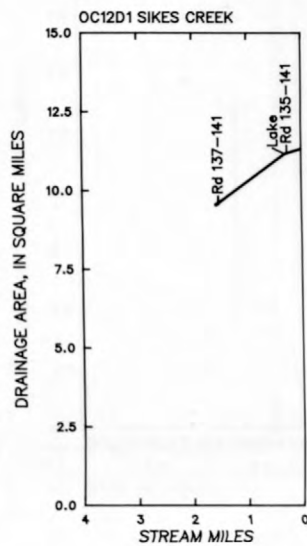
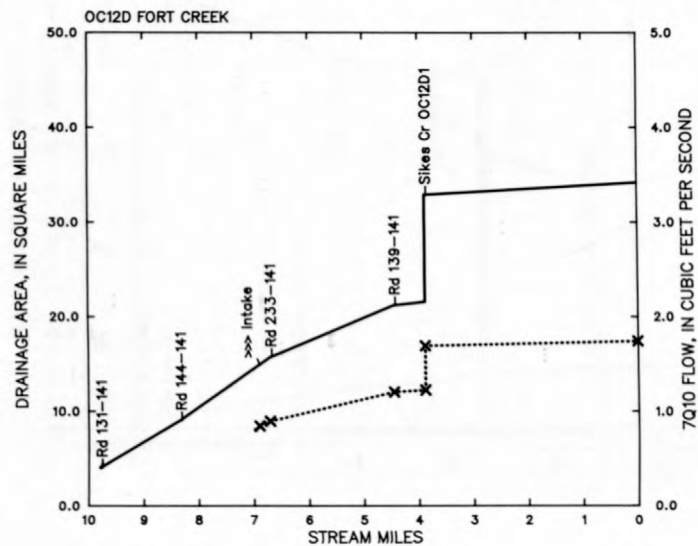
EXPLANATION	
—	Drainage area profile
X	7Q10 data point
X—X	7Q10 Profile (Probable accuracy good)
X--X	7Q10 Profile (Probable accuracy fair)
X...X	7Q10 Profile (Probable accuracy poor)
v	Approximate location of water pollution control plant (WPCP) outfall
v	
v	
^	Approximate location of water intake
^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







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
^	Approximate location of water intake



# OC13 LITTLE RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC13 LITTLE RIVER (Walton, Newton, Morgan, Jasper, Putnam Counties)			
Road 274-217 <<<Social Circle WPCP upstream	55.89	3.8	
Interstate 20	54.90	* 6.2	
US 278, GA 229, 12-217	54.61	6.9	
Above Nelson Creek	53.90	7.3	
Nelson Creek (on right) OC13A	53.90	(5.9)	
Below Nelson Creek	53.90	13.2	
Newton-Morgan County Line (upper)	52.20	* 18.5	
Sewell Rd 049-211, County Line (lower)	51.26	21.5	
Road 248-211	49.74	25.7	
Above Hunnicut Creek	48.51	26.8	
Hunnicut Creek (on left) OC13B	48.51	(9.0)	
Below Hunnicut Creek	48.51	38.8	
Above Shoal Creek	46.98	36.9	
Shoal Creek (on right) OC13C	46.98	(16.0)	
Below Shoal Creek	46.98	52.9	5.1
Road 079-211	46.91	* 53.1	5.1
Above Campbell Creek	44.91	58.8	5.6
Campbell Creek (on left) OC13D	44.91	(5.2)	
Below Campbell Creek	44.91	64.0	6.1
Above Pole Ridge Creek	43.85	64.8	6.2
Pole Ridge Creek (on left)	43.85	(3.7)	
Below Pole Ridge Creek	43.85	68.5	6.6
Road 254-211	43.67	68.6	6.6
GA 83-211	40.34	77.1	7.4
GA 213-211	37.06	83.5	8.0
Morgan-Jasper-Putnam County Line	35.78	* 86.4	8.2
Central of Georgia Railroad	34.32	* 89.7	8.5
Above Gap Creek	34.09	90.1	8.5
Gap Creek (on right) OC13E	34.09	(28.4)	
Below Gap Creek	34.09	118	10.7
Above Hanna Branch	32.25	123	11.0
Hanna Branch	32.25	(7.8)	
Below Hanna Branch	32.25	131	11.6
Monticello Road 295-237	28.48	*136	11.6
Above Big Indian Creek	28.22	137	11.6
Big Indian Creek (on left) OC14	28.22	(82.1)	
Below Big Indian Creek	28.22	219	12.5
Above Pearson Creek	25.88	221	12.5

\* 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.

OC13 LITTLE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC13 LITTLE RIVER -- Continued (Walton, Newton, Morgan, Jasper, Putnam Counties)			
Pearson Creek (on right)	25.88	(4.0)	
Below Pearson Creek	25.88	225	12.6
Martins Mill Road 029-237	24.66	226	12.6
Above Glady Creek	22.10	231	12.6
Glady Creek (on left) OC13F	22.10	(33.2)	
Below Glady Creek	22.10	264	13.0
>>> Eatonton Intake	22.00	*265	13.0
GA 16-237, Gage 02220900	21.25	266	13.0
Spring Road 212-237	18.53	272	13.3
Above Grady Creek	17.56	273	13.4
Grady Creek (on left) OC13G, <<< WPCP	17.56	(7.9)	
Below Grady Creek	17.56	281	13.8
Old Macon Road 181-237	15.80	*285	13.9
US 129, GA 44-237	15.52	285	13.9

\* 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.

# OC13 TRIBUTARIES TO LITTLE RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC13A NELSON CREEK (Newton County)			
Interstate 20, GA 402-217	1.80	2.2	
US 278, GA 229-217	.95	* 3.1	
Above Gibson Branch	.20	3.9	
Gibson Branch (on right)	.20	(2.0)	
Below Gibson Branch	.20	5.9	
Mouth	0	5.9	
OC13B HUNNICUT CREEK (Morgan County)			
Interstate 20	4.27	0.98	
Road 052-211	2.58	* 2.8	
Road 248-211	2.06	3.4	
Road 058-211	.41	* 7.9	
Mouth	0	9.0	
OC13C SHOAL CREEK (Newton, Morgan Counties)			
Hodges Circle 125-217	6.72	0.38	
Jeff Cook Road 127-217	5.54	* 1.8	
Sewell Road 132-217	4.63	2.8	
Above Glass Creek	3.77	3.5	
Glass Creek (on right) OC13C1	3.77	(5.4)	
Below Glass Creek	3.77	8.9	
GA 229-217	3.71	8.9	
Newton-Morgan County Line	3.30	* 9.8	
Road 248-211	2.55	11.3	
Mouth	0	16.0	
OC13C1 GLASS CREEK (Newton County)			
Sewell Road 132-217	1.60	0.83	
Mouth	0	5.4	
OC13D CAMPBELL CREEK (Morgan County)			
Road 064-211	3.31	2.1	
Road 079-211	2.07	* 3.2	
Mouth	0	5.2	

\* 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.

## OC13 TRIBUTARIES TO LITTLE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC13E GAP CREEK (Jasper, Morgan, Putnam Counties)			
Dykes Road 031-159	9.04	3.2	
Jasper-Morgan County Line	8.38	* 4.4	
Road 074-211	8.28	* 4.5	
Road 088-211	5.72	9.1	
Road 253-211	3.98	11.3	
Morgan-Jasper County Line	3.31	* 11.7	
Above Turkey Creek	2.72	12.1	
Turkey Creek (on right) OC13E1	2.72	(6.3)	
Below Turkey Creek	2.72	18.5	
GA 83-211	2.06	18.8	
Above Creek	2.04	18.8	
Creek (on right)	2.04	(7.3)	
Below Creek	2.04	26.1	
Jasper-Putnam County Line	.27	* 28.1	
Southern Railway	.24	* 28.1	
Mouth	0	28.4	
OC13E1 TURKEY CREEK (Jasper County)			
Road 039-159	1.71	4.7	
Mouth	0	6.3	
OC13F GLADY CREEK (Morgan, Putnam Counties)			
Reids Road 017-237	8.58	6.7	
Road 296-237	7.60	7.5	
Above Little Gladly Creek	4.47	11.4	0.13
Little Gladly Creek (on left) OC13F1	4.47	(9.4)	
Below Little Gladly Creek	4.47	20.8	.24
Godfrey Road 294-237	3.16	21.7	.25
Above Creek	2.22	22.6	.26
Creek (on left) OC13F2	2.22	(8.2)	
Below Creek	2.22	30.8	.35
Martins Mill Road 029-237	1.00	32.3	.37
Mouth	0	33.2	

\* 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.

OC13 TRIBUTARIES TO LITTLE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC13F1 LITTLE GLADY CREEK (Putnam County)			
Road 002-237	4.59	2.8	
Reids Road 017-237	2.83	6.7	
Mouth	0	9.4	
OC13F2 CREEK (Putnam County)			
Reids Road 017-237	2.96	2.8	
Godfrey Road 294-237	.35	*	7.5
Mouth	0		8.2
OC13G GRADY CREEK (Putnam County)			
GA 16-237	3.63	1.7	
<<< Eatonton WPCP	3.00	*	2.7
Road 212-237	1.82		4.7
Mouth	0		7.9

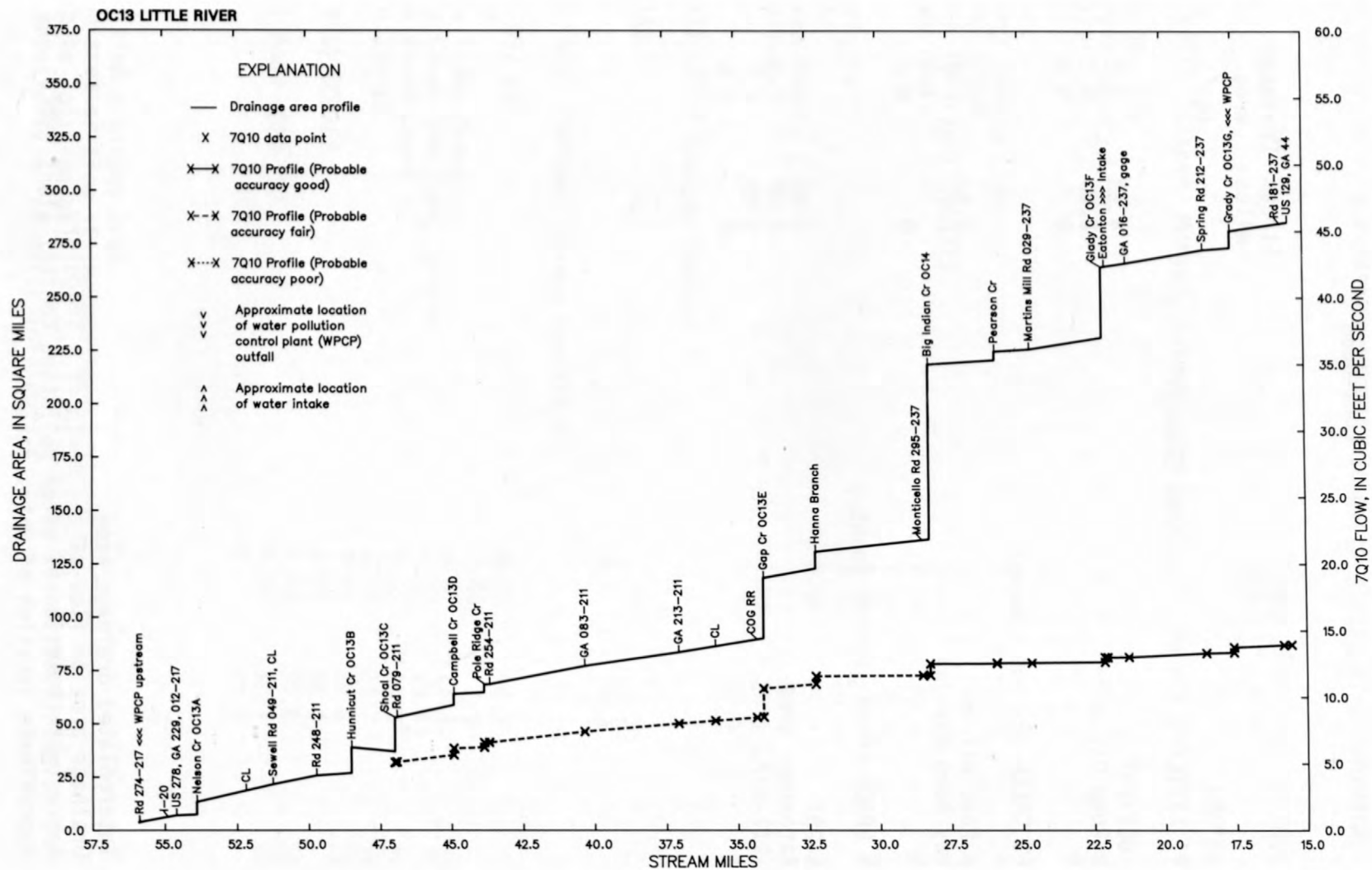
\* Interpolated drainage area.

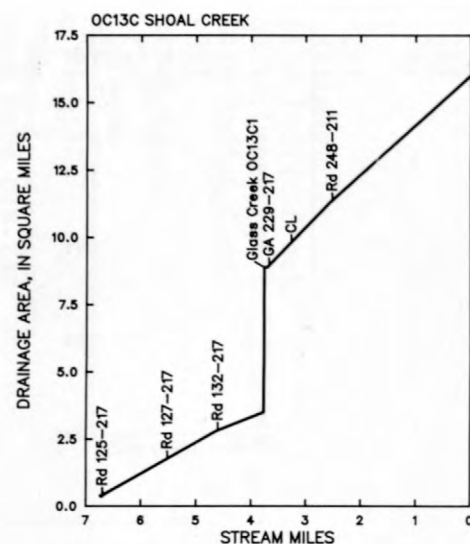
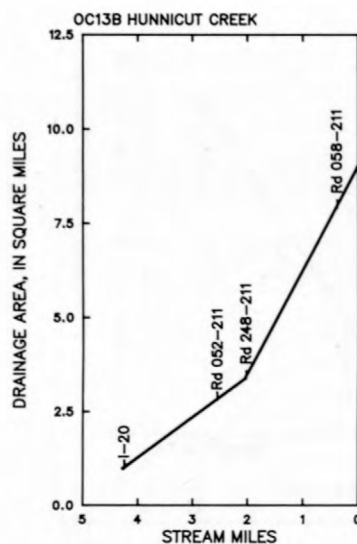
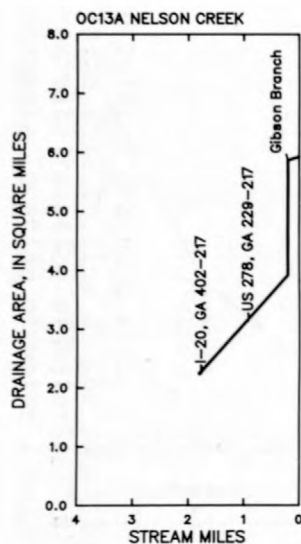
( ) Drainage area or flow at the mouth of a tributary.

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

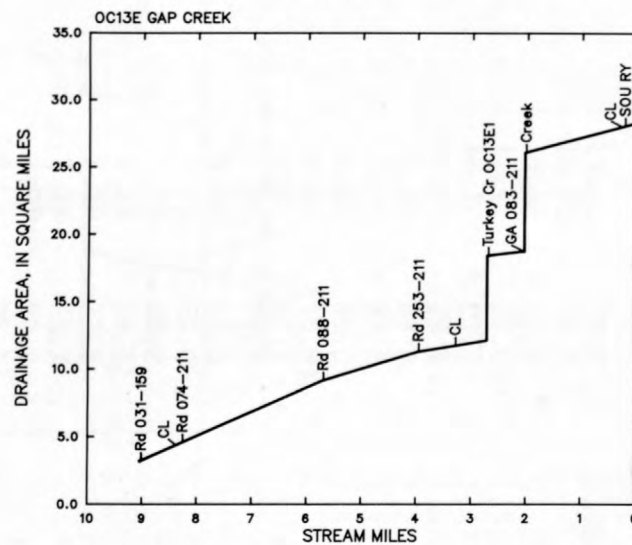
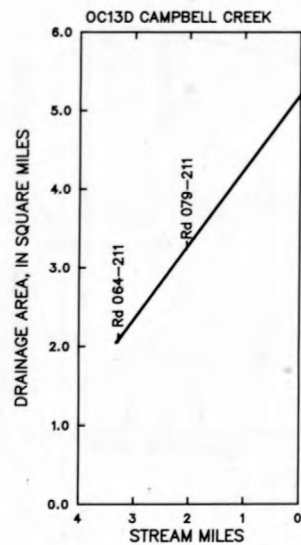
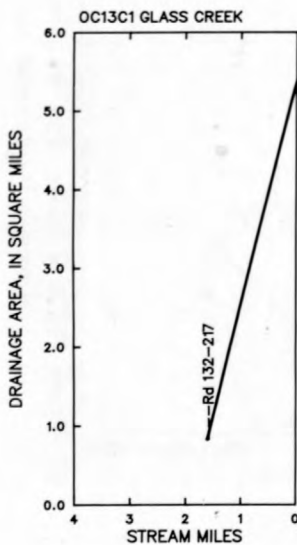
>>> Approximate location of water intake.

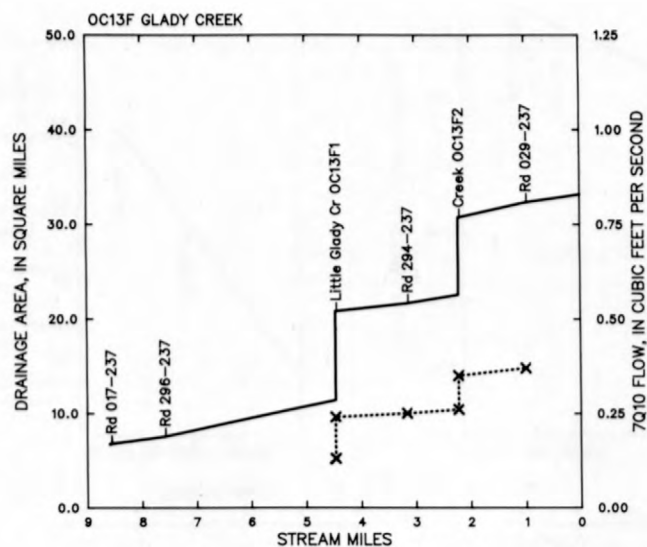
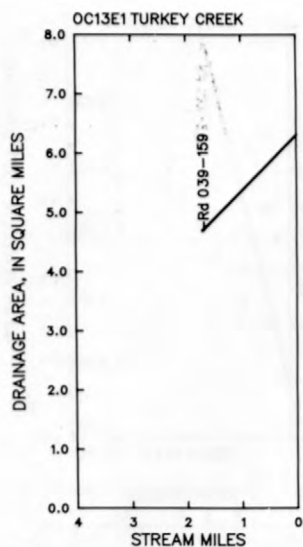




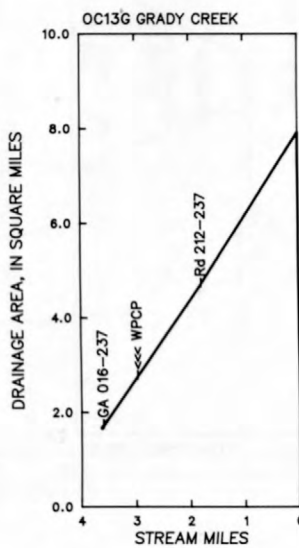
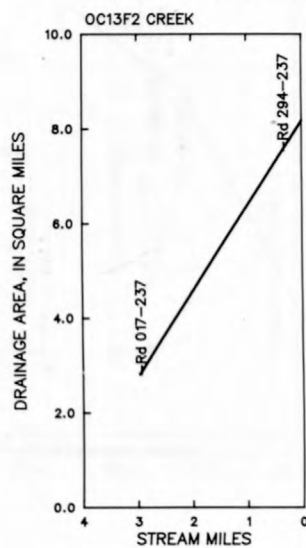
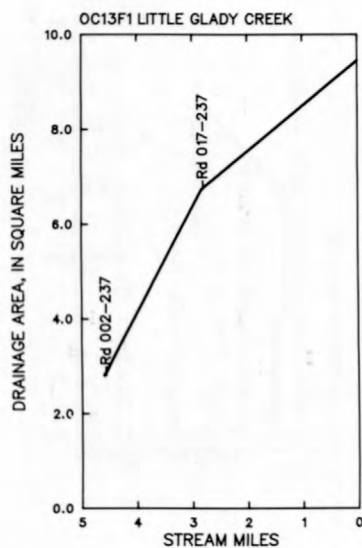


EXPLANATION	
—	Drainage area profile
X	7Q10 data point
X—X	7Q10 Profile (Probable accuracy good)
X--X	7Q10 Profile (Probable accuracy fair)
X...X	7Q10 Profile (Probable accuracy poor)
<<<	Approximate location of water pollution control plant (WPCP) outfall
>>>	Approximate location of water intake





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	
^	Approximate location of water intake
^	
^	



# OC14 BIG INDIAN CREEK

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC14 BIG INDIAN CREEK (Morgan, Putnam Counties)			
Road 071-211 <<< WPCP upstream	21.51	8.2	0.40
Road 023-211	18.70	12.6	
Interstate 20	18.57	* 13.2	
Road 246-211	17.11	20.9	1.3
Road 254-211	16.14	* 23.2	1.4
GA 83-211	13.49	29.5	1.8
Road 099-211	11.50	33.8	2.1
Southern Railway	9.23	* 37.2	2.3
Above Little Indian Creek	8.01	39.0	2.4
Little Indian Creek (on left) OC14A	8.01	(18.9)	
Below Little Indian Creek	8.01	57.9	
Road 251-211	7.71	61.8	
Morgan-Putnam County Line	6.62	* 65.6	
Road 019-211	5.45	69.8	
Above Creek	3.10	73.2	
Creek (on right)	3.10	(4.6)	
Below Creek	3.10	77.8	
Indian Creek Road 018-237	2.33	78.7	
Godfrey Road 294-237	.25	82.0	
Mouth	0	82.1	

\* Interpolated drainage area.

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

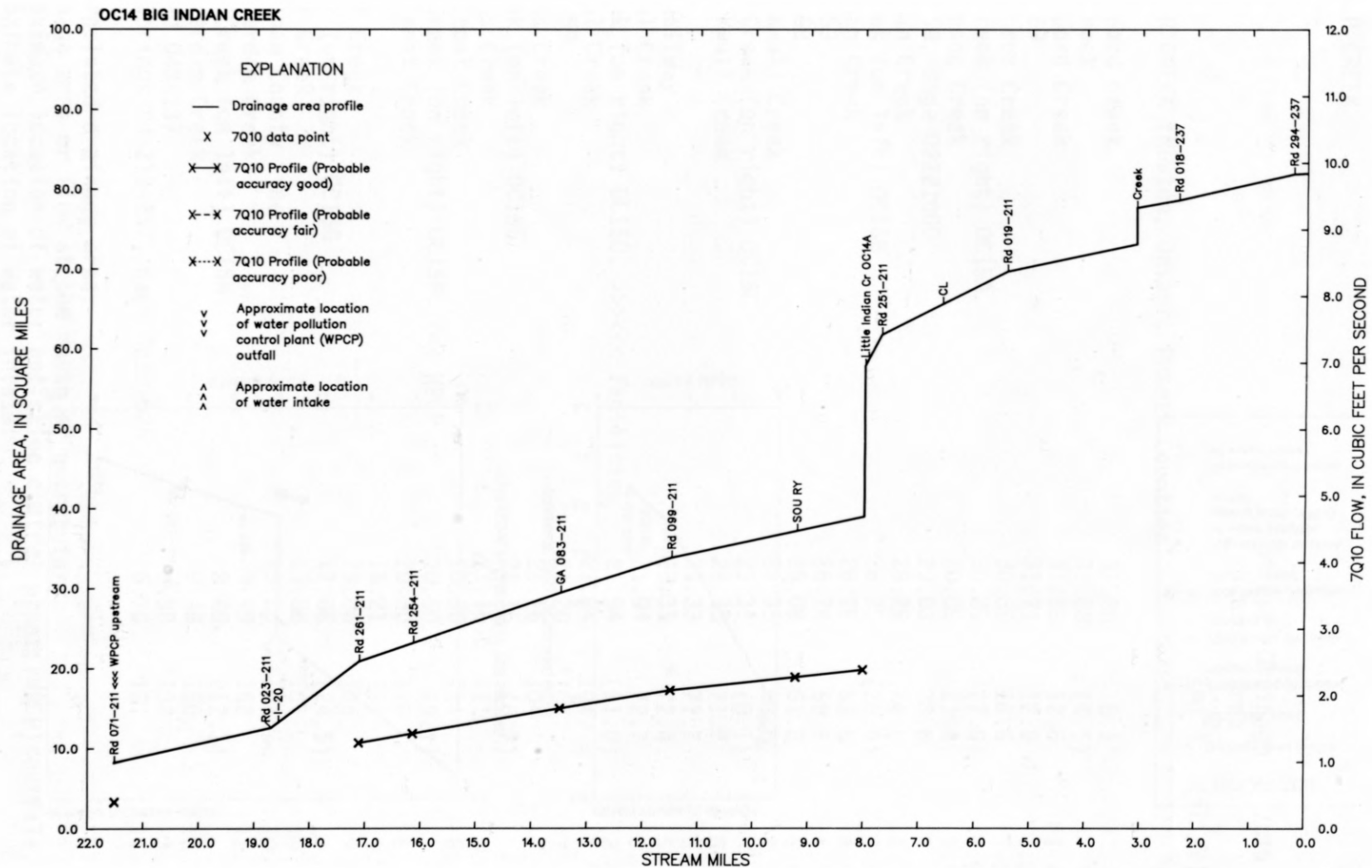
<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> Approximate location of water intake.

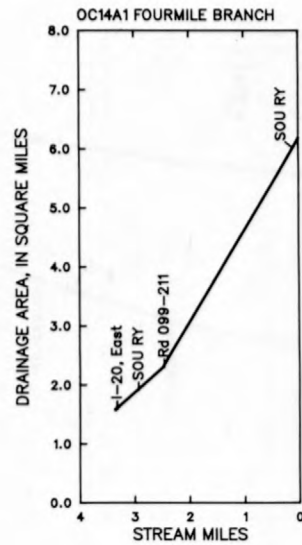
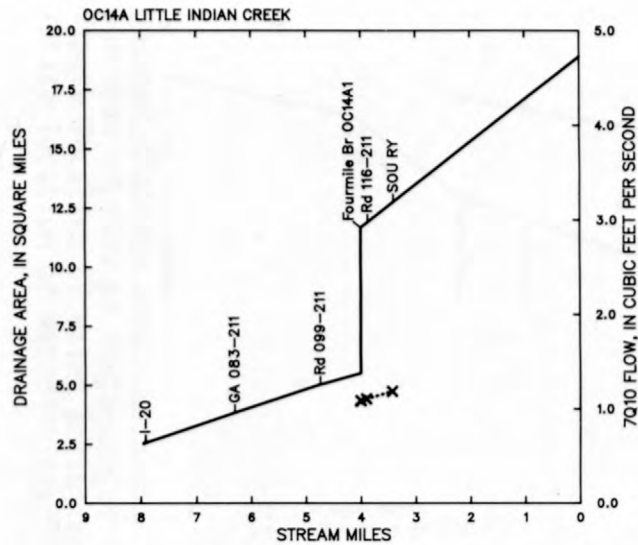
# OC14 TRIBUTARIES TO BIG INDIAN CREEK

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC14A LITTLE INDIAN CREEK (Morgan County)			
Interstate 20	7.94	2.5	
GA 83-211	6.33	3.8	
Road 099-211	4.77	5.0	
Above Fourmile Branch	4.00	5.5	
Fourmile Branch (on left) OC14A1	4.00	(6.2)	
Below Fourmile Branch	4.00	11.7	1.1
Road 116-211	3.90	* 11.9	1.1
Southern Railway	3.43	* 12.7	1.2
Mouth	0	18.9	
OC14A1 FOURMILE BRANCH (Morgan County)			
Interstate 20, East	3.35	1.6	
Southern Railway	2.96	* 1.9	
Road 099-211	2.49	2.3	
Southern Railway	.10	* 6.0	
Mouth	0	6.2	

- \* 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.







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
^	

# OC15 MURDER CREEK

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC15 MURDER CREEK (Newton, Jasper, Putnam Counties)			
Above Sheppard Creek	31.88	8.1	
Sheppard Creek	31.88	(4.5)	
Below Sheppard Creek	31.88	12.6	1.2
Road 009-159	31.71	12.9	1.2
Above Robinson Creek	30.89	13.5	1.3
Robinson Creek (on right) OC15A	30.89	(7.9)	(.65)
Below Robinson Creek	30.89	21.4	1.9
Road 362-159, Gage 02221000	29.03	23.6	2.1
Above Pitman Creek	28.29	24.6	2.1
Pitman Creek (on left) OC15B	28.29	(28.0)	(2.5)
Below Pitman Creek	28.29	52.6	4.6
Road 283-159	26.74	55.3	4.7
Road 025-159	25.08	61.8	5.0
Above Blackwell Creek	23.35	63.6	5.1
Blackwell Creek (on right) OC15C	23.35	(8.1)	
Below Blackwell Creek	23.35	71.7	5.6
GA 83-159	23.33	71.7	5.6
Southern Railway	22.35	* 72.4	5.7
Above Shoal Creek	21.94	72.7	5.7
Shoal Creek (on right) OC15D, >>><<< facilities	21.94	(31.0)	(2.0)
Below Shoal Creek	21.94	104	7.7
Road 363-159	21.20	*104	7.7
Above Jacks Creek	21.16	104	7.7
Jacks Creek (on left) OC15E	21.16	(6.7)	
Below Jacks Creek	21.16	111	8.2
Above Whiteoak Creek	20.60	111	8.2
Whiteoak Creek (on right) OC15F, <<< WPCP	20.60	(9.1)	
Below Whiteoak Creek	20.60	120	8.8
GA 16-159	16.21	131	9.5
Above Wolf Creek	13.86	136	9.6
Wolf Creek (on right) OC15G	13.86	(24.5)	(.84)
Below Wolf Creek	13.86	161	10.4
Jasper-Putnam County Line	13.85	*161	10.4
Above Beaverdam Creek	9.49	168	11.3
Beaverdam Creek (on left) OC15H	9.49	(12.1)	
Below Beaverdam Creek	9.49	180	12.8
Gussie Road 043-237	8.98	*182	13.0
Glenwood Springs Rd 212-237, Gage 02221525	6.70	191	14.0

\* 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.

OC15 MURDER CREEK -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC15 MURDER CREEK (Newton, Jasper, Putnam Counties) -- Continued			
Above Hitchcock Branch	3.79	199	14.6
Hitchcock Branch (on right)	3.79	(3.9)	
Below Hitchcock Branch	3.79	203	14.9
US 129, GA 44-237 in Lake Sinclair	2.62	205	15.0

\* 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.

# OC15 TRIBUTARIES TO MURDER CREEK

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC15A ROBINSON CREEK (Jasper County)			
Road 009-159	1.36	5.7	0.55
Mouth	0	7.9	.65
OC15B PITMAN CREEK (Newton, Jasper Counties)			
Road 014-159	5.33	4.0	0.53
Road 018-159	3.72	6.5	.85
Above Pitman Branch	2.73	7.9	.86
Pitman Branch (on left) OC15B1	2.73	(14.9)	(1.2)
Below Pitman Branch	2.73	22.8	2.1
Road 362-159	1.10	23.9	2.1
Mouth	0	28.0	2.5
OC15B1 PITMAN BRANCH (Newton, Jasper Counties)			
Mill Pond Road 508-217	5.76	2.8	
Newton-Jasper County Line	5.43	* 3.2	
Road 227-159	5.11	3.6	
Jones Road 026-159	3.80	6.9	0.56
Road 016-159	1.65	13.5	1.1
Mouth	0	14.9	1.2
OC15C BLACKWELL CREEK (Jasper County)			
Road 064-159	2.88	3.3	
Mouth	0	8.1	
OC15D SHOAL (PEARSON) CREEK (Jasper County)			
Note: Shoal Creek is formed at junction of Pearson and Lowry Creeks.			
Pearson Creek at GA 212	6.69	4.9	0.37
GA 11-159	5.79	5.6	.42
<<< Monticello North WPCP	5.47	* 6.4	.48
Road 362-159	5.20	7.1	
Above Popes Branch	3.94	9.9	
Popes Branch OC15D1, >>> Intake	3.94	(6.5)	
Below Popes Branch	3.94	16.4	1.0

\* 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.

# OC15 TRIBUTARIES TO MURDER CREEK -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC15D SHOAL (PEARSON) CREEK (Jasper County) -- Continued			
Above Lowry Branch	3.66	16.5	1.1
Lowry Branch OC15D2, >>> Intake	3.66	(8.6)	
Below Lowry Branch (Shoal Creek begins)	3.66	25.1	1.6
Road 023-159	3.62	* 25.2	1.6
GA 83-159	1.70	* 28.3	1.8
Southern Railway	.30	* 30.5	1.9
Mouth	0	31.0	2.0
OC15D1 POPES BRANCH (Jasper County)			
Road 167-159	3.88	2.1	
GA 11-159	2.29	4.0	
Road 362-159 >>> Intake	1.60	5.1	
Mouth	0	6.5	
OC15D2 LOWRY BRANCH (Jasper County)			
Road 008-159	4.55	2.0	
Road 009-159	2.93	6.0	
Road 362-159	1.47	7.5	
>>> Monticello Intake	1.07	* 7.8	
Mouth at Pearson Creek	0	8.6	
OC15E JACKS CREEK (Jasper County)			
Road 078-159	2.00	3.0	
Road 214-159	.31	* 6.2	
Mouth	0	6.7	
OC15F WHITEOAK CREEK (Jasper County)			
GA 16-159 <<< WPCP upstream	4.06	3.0	
Road 075-159	.99	8.2	
Road 076-159	.42	* 8.7	
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.

# OC15 TRIBUTARIES TO MURDER CREEK -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC15G WOLF CREEK (Jasper County)			
Note: North Fork Wolf Creek is head of Wolf Creek			
North Fork Wolf Creek at GA 212-159	5.74	5.9	
Smithboro Road 093-159	3.12	10.8	
Above South Wolf Creek	1.37	12.5	0.42
South Wolf Creek (on right) OC15G1	1.37	(10.3)	
Below South Wolf Creek (Wolf Creek begins)	1.37	22.8	.77
Road 089-159	.76	* 23.6	.80
Mouth	0	24.5	.83
OC15G1 SOUTH WOLF CREEK (Jasper County)			
GA 212-159	2.30	4.1	
GA 92-159	.69	* 8.4	
Mouth	0	10.3	
OC15H BEAVERDAM CREEK (Jasper, Putnam Counties)			
Monticello Road 295-237	6.80	2.7	
Beaver Dam Road 029-237	4.21	6.3	
GA 16-237	3.21	7.4	
Keys Mill Road 027-237	.58	* 11.2	
Mouth	0	12.1	

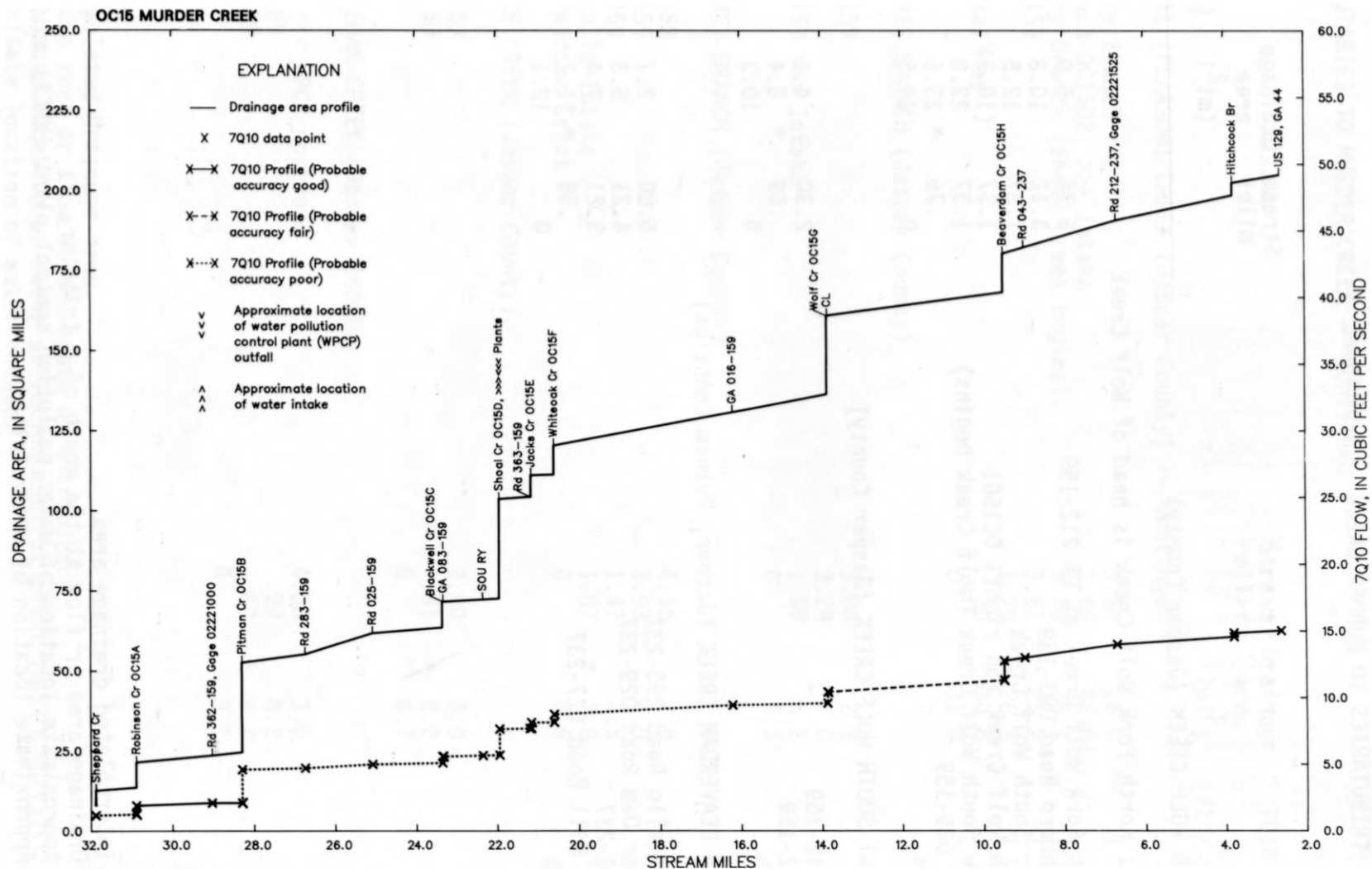
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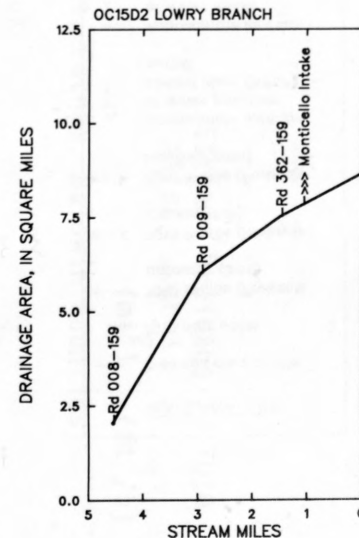
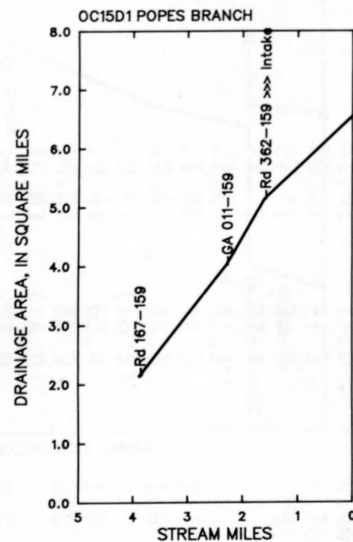
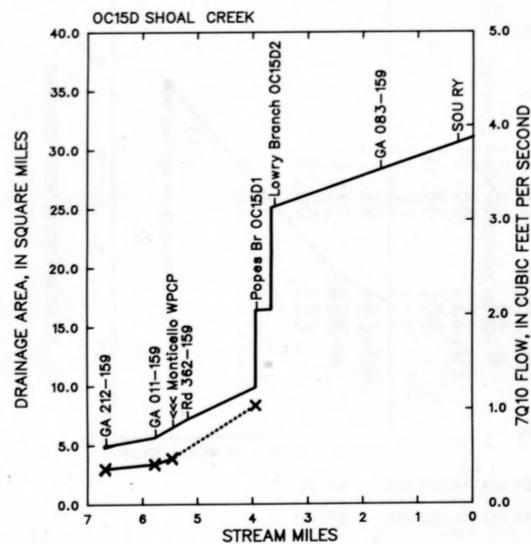
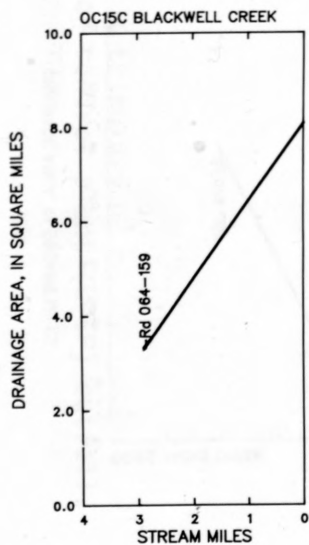
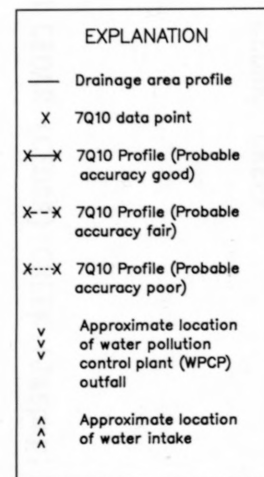
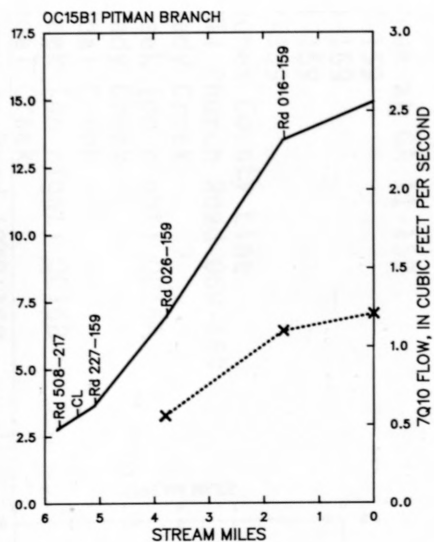
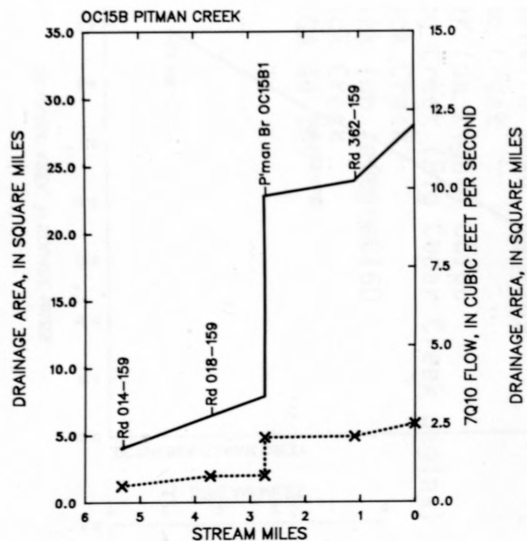
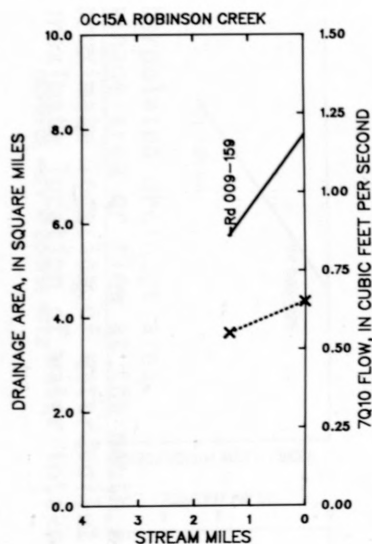
( ) Drainage area or flow at the mouth of a tributary.

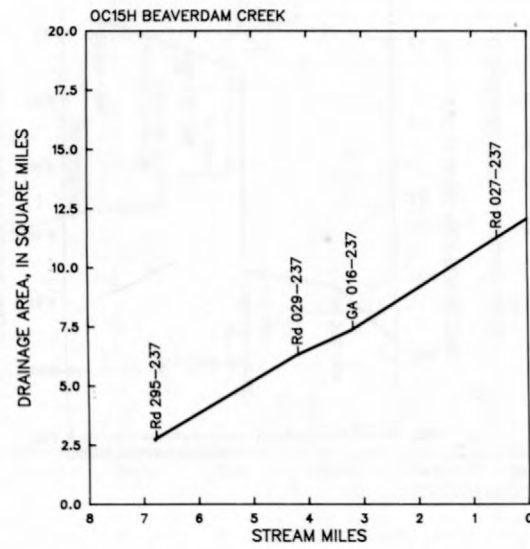
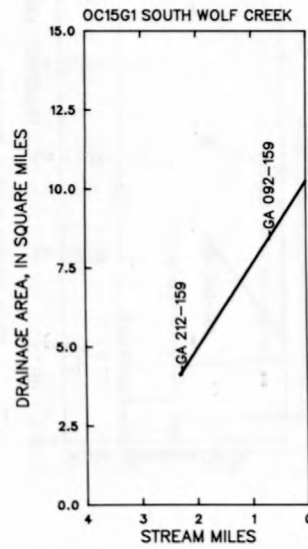
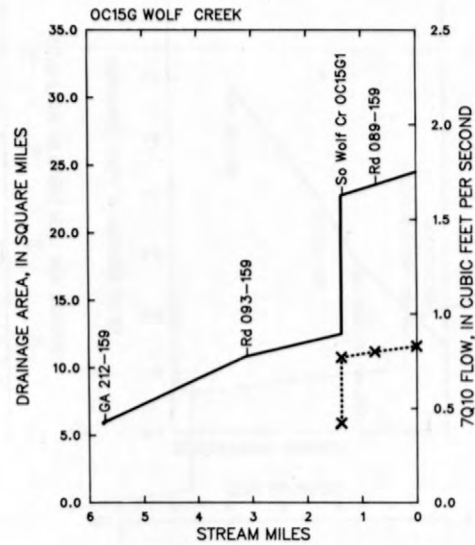
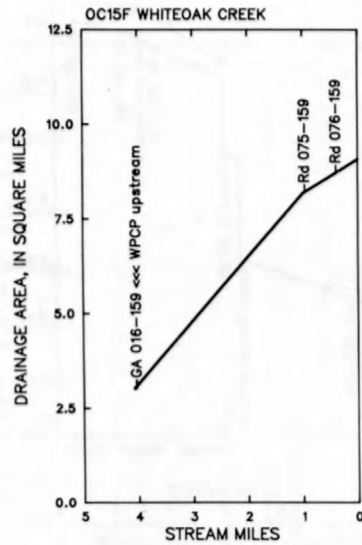
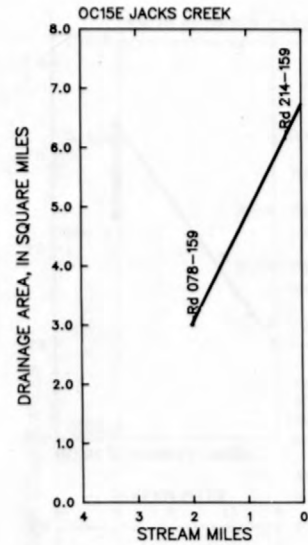
<<< Approximate location of water pollution control plant (WPCP) outfall.

>>> 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
^	
^	

# OC16 BIG CEDAR CREEK

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC16 BIG CEDAR (CEDAR) CREEK (Jasper, Jones, Putnam, Baldwin Counties)			
Note: Cedar Creek is head of Big Cedar Creek			
Cedar Creek at GA 11-159	35.67	6.0	
Road 117-159	31.51	13.6	0.44
Road 284-159	29.21	21.5	.70
Road 104-159	27.41	27.9	.91
Road 107-159	24.75	37.4	
Jasper-Jones County Line	22.24	* 41.1	
Union Hill Church Road 069-169	21.05	42.8	1.3
Above Glady Creek	19.41	44.5	1.3
Glady Creek (on right) OC16A	19.41	(18.9)	
Below Glady Creek	19.41	63.4	1.9
Above Shoal Creek	16.87	65.9	2.0
Shoal Creek (on right) OC16B	16.87	(16.9)	
Below Shoal Creek	16.87	82.8	2.5
Forest Service Road 1040-169	16.81	* 82.8	2.5
Above Hog Creek	16.66	82.9	2.5
Hog Creek (on right) OC16C	16.66	(21.0)	(.41)
Below Hog Creek (Big Cedar Creek begins)	16.66	104	2.9
Above Rock Creek	11.12	117	3.6
Rock Creek (on left) OC16D	11.12	(11.0)	
Below Rock Creek	11.12	128	4.2
US 129, GA 44-169	8.60	133	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.

# OC16 TRIBUTARIES TO BIG CEDAR CREEK

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC16A GLADY CREEK (Jasper, Jones Counties)			
Road 295-169	6.44	4.5	
Hadaway Road 068-169	5.02	9.1	
Hillsboro Lake Road 295-169	4.18	13.4	
Road 071-169	1.61	18.0	
Mouth	0	18.9	
OC16B SHOAL CREEK (Jones County)			
Jackson Road 073-169	3.90	9.0	
Hungerford Lake	1.12	* 16.3	
Shoal Creek Road 295-169	1.09	16.4	
Mouth	0	16.9	
OC16C HOG CREEK (Jones County)			
Above Creek	6.90	2.1	
Creek (on left)	6.90	(4.2)	
Below Creek	6.90	6.3	
Damascus Church Road 295-169	.75	20.6	0.40
Mouth	0	21.0	.41
OC16D ROCK CREEK (Putnam, Jones Counties)			
Road P272-237	3.20	5.1	
Putnam-Jones County Line	1.15	* 8.9	
Mouth	0	11.0	
OC16E LITTLE CEDAR CREEK (Jones, Baldwin Counties)			
Ellis Church Road 102-169	6.53	6.8	
Stallings Road 088-169	4.10	12.8	
Jones-Baldwin County Line	3.77	* 13.2	
Stiles Road 083-009	1.87	15.5	
GA 212-009	1.04	16.2	
Mouth in Lake Sinclair	0	16.3	

\* 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.

# OC16 TRIBUTARIES TO BIG CEDAR CREEK -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC16F POTATO CREEK (Jones, Baldwin Counties)			
Fifth Road 101-169	13.06	1.6	
Stallings Road 087-169	10.25	7.0	
Jones-Baldwin County Line	7.15	* 10.6	
Old Monticello Road 086-009	6.66	11.2	
Above Sand Creek	3.98	14.8	
Sand Creek (on right) OC16F1	3.98	(8.1)	
Below Sand Creek	3.98	22.9	
OC16F1 SAND CREEK (Baldwin County)			
Nelson Road 468-009	1.91	5.7	
Mouth	0	8.1	

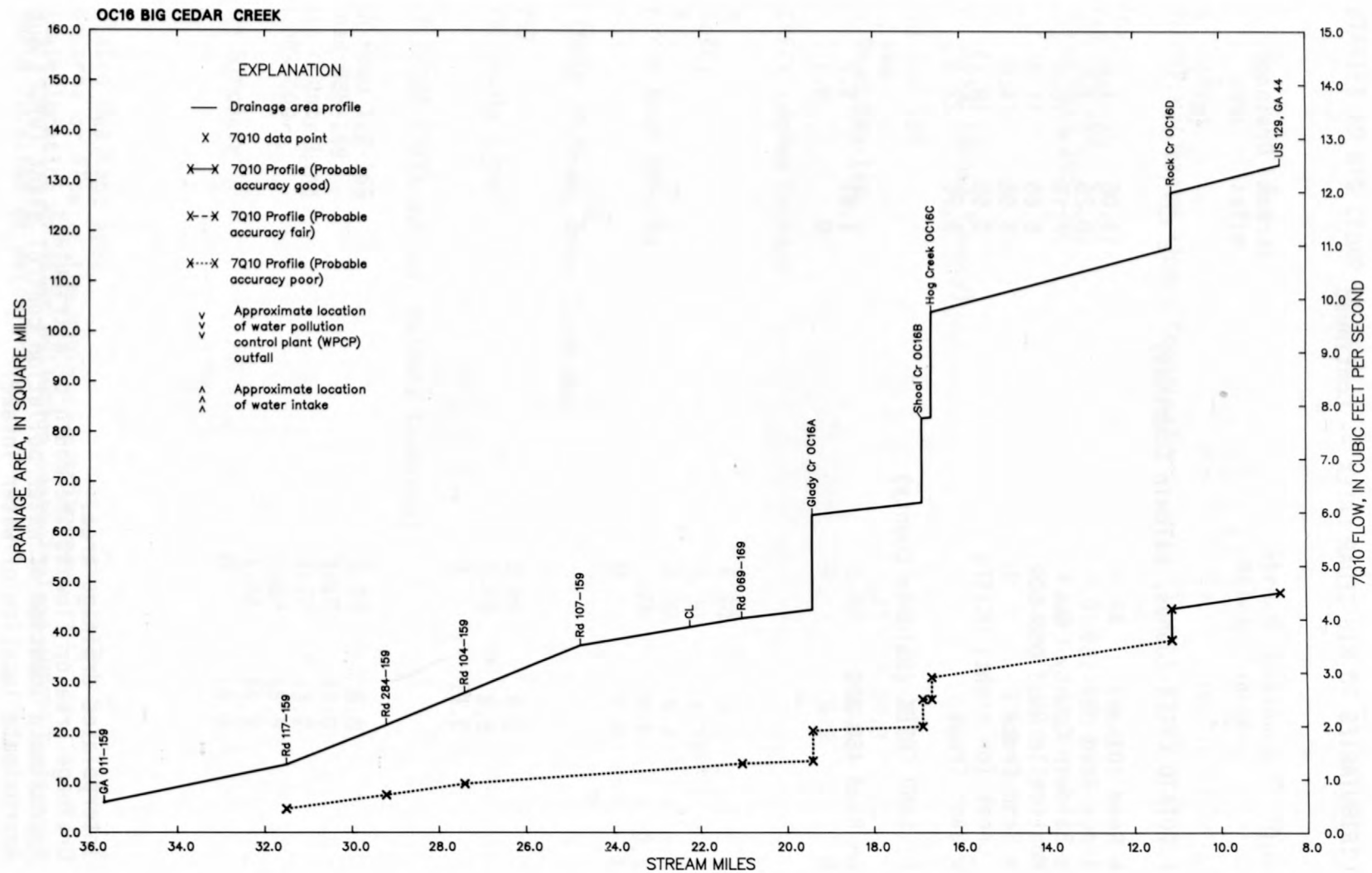
\* Interpolated drainage area.

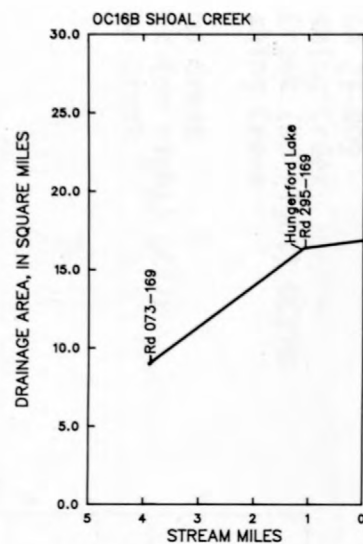
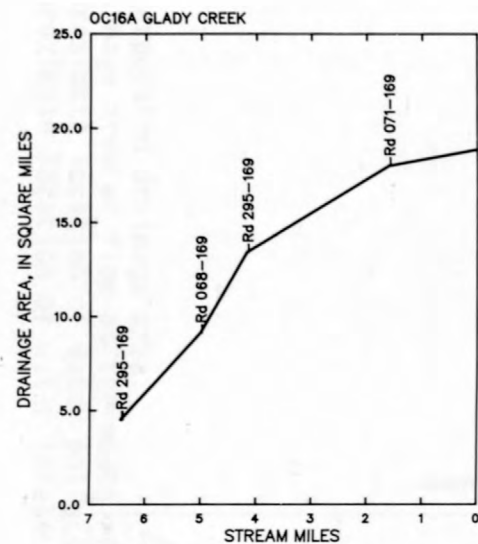
( ) Drainage area or flow at the mouth of a tributary.

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

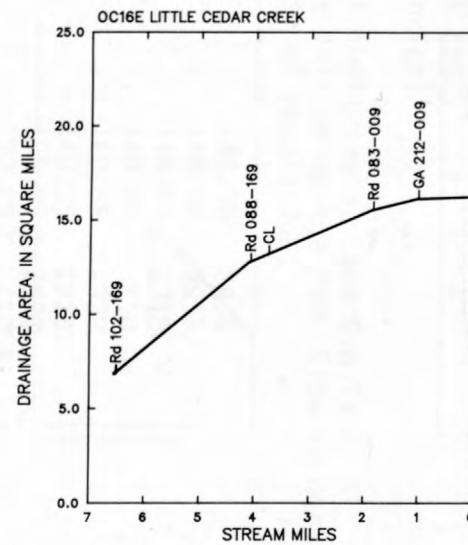
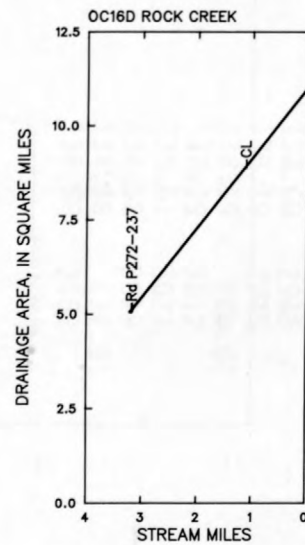
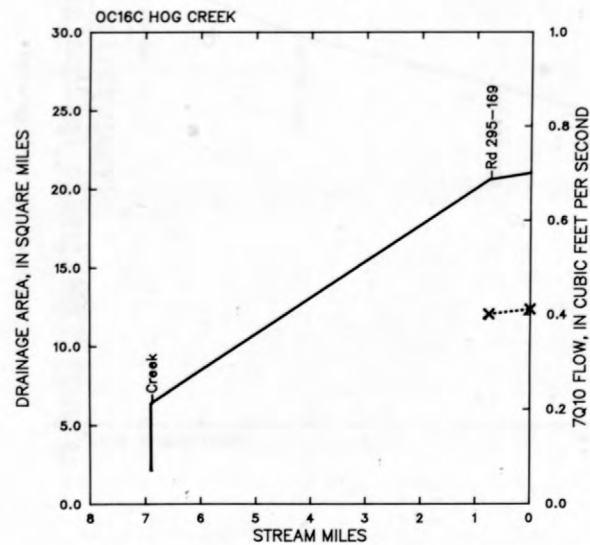
>>> Approximate location of water intake.

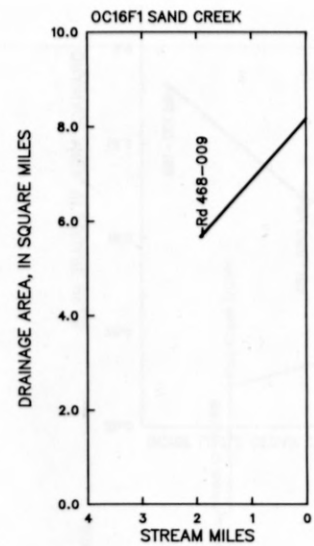
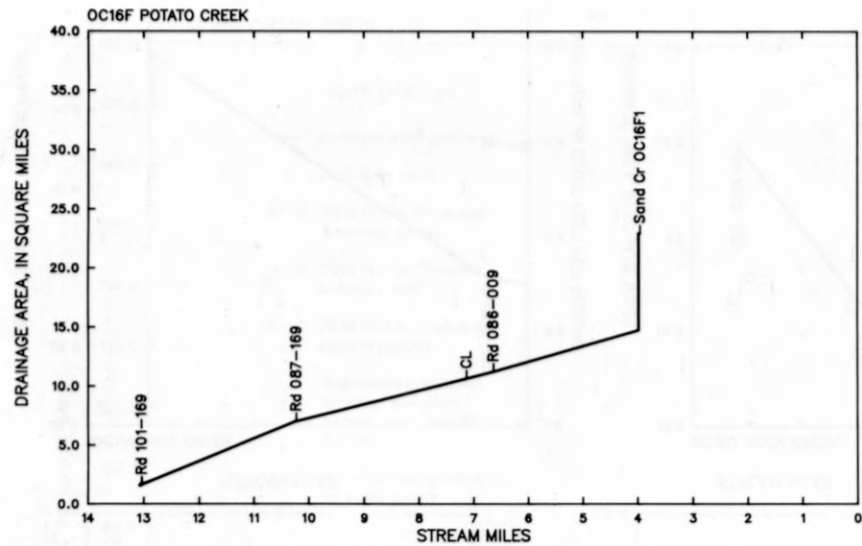






EXPLANATION	
—	Drainage area profile
X	7Q10 data point
X—X	7Q10 Profile (Probable accuracy good)
X - X	7Q10 Profile (Probable accuracy fair)
X---X	7Q10 Profile (Probable accuracy poor)
v v v	Approximate location of water pollution control plant (WPCP) outfall
^ ^ ^	Approximate location of water intake





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)
v	Approximate location of water pollution control plant (WPCP) outfall
v	
v	
^	Approximate location of water intake
^	
^	

# OC17 LAKE SINCLAIR AND OCONEE RIVER TO CAMP CREEK

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
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OC17 LAKE SINCLAIR AND OCONEE RIVER TO CAMP CREEK  
(Putnam, Hancock, Baldwin, Jones Counties)

Note: Streams OC17A through OC17D are now tributaries of Lake Sinclair. A graphical profile is provided of the Oconee only below the dam. Flow is not extrapolated above or below the gage because of regulation.

Lake Sinclair Dam	142.90	2915	
Georgia Railroad	140.96	2917	
Above Champion Creek	140.68	2918	
Champion Creek (on left) OC17E	140.68	(10.0)	
Below Champion Creek	140.68	2928	
>>> Central State Hospital Intake	140.58	2928	
Above Tobler Creek	139.89	2928	
Tobler Creek (on right) OC17F	139.89	(10.8)	
Below Tobler Creek	139.89	2939	
>>> Milledgeville Intake, Gage 02223000	139.10	2940	250
US 441, GA 24-009	138.60	2943	
Above Fishing Creek	138.19	2945	
Fishing Creek (on right) OC17G	138.19	(66.8)	
Below Fishing Creek	138.19	3012	
<<< WPCP	135.61	3017	
Above Camp Creek	134.58	3019	
Camp Creek (on right) OC17H	134.58	(32.9)	
Below Camp Creek	134.58	3052	

- \* 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.

# OC17 TRIBUTARIES TO LAKE SINCLAIR AND OCONEE RIVER

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC17A LOG DAM CREEK (Hancock County)			
Road 145-141	4.16	4.8	
Mouth in Lake Sinclair	0	13.0	
OC17B SANDY RUN CREEK (Hancock County)			
Road 146-141	5.15	1.2	
Road 148-141	3.36	4.0	
Road 148-141	2.46	6.5	
Mouth in Lake Sinclair	0	9.9	
OC17C CROOKED CREEK (Putnam County)			
GA 44-237	13.04	4.7	
GA 16-237	9.42	12.1	0.64
Oconee Springs Road 216-237	7.25	18.9	1.0
Above Rush Creek	3.08	23.7	1.3
Rush Creek (on left)	3.08	(5.3)	
Below Rush Creek	3.08	29.0	
Crooked Creek Road 093-237	2.59	29.5	
Mouth	0	33.2	
OC17D ROOTY CREEK (Putnam County)			
Lower Harmony Road 214-237	14.39	3.6	
GA 16, 44-237	13.00	7.3	0.10
Road 216-237	12.37	9.4	.13
<<< Eatonton Eastside WPCP	11.94	* 9.9	.14
Road 090-237	11.44	* 10.4	.14
Above Little Branch	10.11	11.9	
Little Branch (on left)	10.11	(4.8)	
Below Little Branch	10.11	16.7	
Parks Road 089-237	8.99	19.3	1.0
Above Turkey Creek	7.66	22.3	1.2
Turkey Creek (on left)	7.66	(4.7)	
Below Turkey Creek	7.66	27.0	1.4
Above Little Creek	4.67	31.8	1.7
Little Creek (on right) OC17D1	4.67	(6.0)	
Below Little Creek	4.67	37.8	2.0
Road 217-237	4.38	38.0	2.0

\* 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.

# OC17 TRIBUTARIES TO LAKE SINCLAIR AND OCONEE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC17D1 LITTLE CREEK (Putnam County)			
GA 24-237	0.38	5.9	
Mouth	0	6.0	
OC17E CHAMPION CREEK (Baldwin County)			
4-H Club Road 204-009	4.07	0.89	
Lake Laurel	1.38	* 5.2	0.14
Lake Laurel Road 472-009	1.16	5.6	.15
Gantry Creek	.62	5.9	.17
Gantry Creek (on left)	.62	(4.0)	(.20)
Below Gantry Creek	.62	9.9	.37
Mouth	0	10.0	
OC17F TOBLER CREEK (Baldwin County)			
US 441, GA 24-009	4.11	3.3	
Fraleys Ferry Road 477-009	2.06	8.0	
Barrow's Ferry Road	.54	* 10.1	
Georgia Railroad	.48	* 10.1	
Mouth	0	10.8	
OC17G FISHING CREEK (Baldwin County)			
Roberts Road 092-009	13.93	6.0	
Above Goss Creek	12.28	7.4	
Goss Creek (on right) OC17G1	12.28	(6.3)	
Below Goss Creek	12.28	13.7	
Brown's Crossing Road 069-009	11.84	13.8	
Georgia Railroad	11.77	* 13.9	
Above Moore Creek	10.99	14.2	
Moore Creek (on left) OC17G2	10.99	(8.5)	
Below Moore Creek	10.99	22.7	
Above Creek	10.21	22.9	
Creek (on right) OC17G3	10.21	(5.1)	
Below Creek	10.21	28.0	
Above Watson Creek	9.26	29.8	0.83
Watson Creek (on left) OC17G4	9.26	(10.1)	(.35)
Below Watson Creek	9.26	39.9	1.2

\* 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.

# OC17 TRIBUTARIES TO LAKE SINCLAIR AND OCONEE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC17G FISHING CREEK (Baldwin County) -- Continued			
Pettigrew Road 072-009	9.10	* 40.4	1.2
Horace Veal Road 066-009	6.84	46.5	1.4
Above Little Fishing Creek	5.32	48.1	1.4
Little Fishing Creek (on left) OC17G5	5.32	(8.3)	
Below Little Fishing Creek	5.32	56.5	1.7
State Hospital Dairy Road 419-009	4.07	58.0	1.7
>>> Intake	3.11	* 60.0	1.8
GA 49-009	2.47	61.4	1.8
Georgia Railroad	1.63	* 63.5	1.9
US Highway 441	.92	65.3	1.9
GA 112-009	.71	* 65.7	1.9
Mouth	0	66.8	2.0
OC17G1 GOSS CREEK (Jones, Baldwin Counties)			
Roberts Road 092-009	1.12	5.5	
Mouth	0	6.3	
OC17G2 MOORE CREEK (Jones, Baldwin Counties)			
Haddock Road 100-169	4.38	2.5	
Moore Gin Road 468-009	1.99	6.7	
Brown's Crossing Road 069-009	1.41	7.4	
GA 22-009	.89	8.2	
Mouth	0	8.5	
OC17G3 CREEK (Baldwin County)			
Bonner Road 095-009	0.43	3.3	
Mouth	0	5.1	
OC17G4 WATSON CREEK (Jones, Baldwin Counties)			
Moore Gin Road 468-009	4.57	0.48	
Speights Road 089-009	2.79	4.2	
GA 22-009	.21	9.9	0.35
Mouth	0	10.1	.36

- \* Interpolated drainage area.
- ( ) Drainage area or flow at the mouth of a tributary.
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- >>> Approximate location of water intake.



## OC17 TRIBUTARIES TO LAKE SINCLAIR AND OCONEE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC17G5 LITTLE FISHING CREEK (Baldwin County)			
GA 22-009	0.57	8.0	
Georgia Railroad	.19	* 8.2	
Mouth	0	8.3	
OC17H CAMP CREEK (Baldwin County)			
Torrance Road 133-009	8.27	6.8	
Hard Twist Ranch Road 118-009	7.49	8.4	
Central of Georgia Railroad	6.62	* 9.4	
Pancras Road 047-009	5.60	10.5	
Above Little Camp Creek	5.08	11.7	
Little Camp Creek (on left) OC17H1	5.08	(8.5)	
Below Little Camp Creek	5.08	20.2	0.28
GA 29-009	2.07	28.7	.40
GA 112-009	.38	32.7	.46
Mouth	0	32.9	.46
OC17H1 LITTLE CAMP CREEK (Baldwin County)			
Covey Road 122-9	3.99	1.6	
McCullough Road 117-9	3.16	4.0	
Central of Georgia Railroad	.04	* 8.4	
Mouth	0	8.5	
OC17I TOWN CREEK (Hancock, Baldwin Counties)			
Road 125-141	18.95	8.3	
GA 22-009	16.36	12.6	
Road 473-009	13.75	23.2	
Road 195-009	11.93	26.9	
Above Spring Creek	9.52	31.5	
Spring Creek (on left) OC17I1	9.52	(15.7)	
Below Spring Creek	9.52	47.2	
Road 475-009 at Hancock-Baldwin County Line	8.52	49.3	

\* 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.

## OC17 TRIBUTARIES TO LAKE SINCLAIR AND OCONEE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC17I1 SPRING CREEK (Hancock County)			
Road 090-141	5.10	4.5	
Above White Oak Creek	1.95	10.4	
White Oak Creek (on right)	1.95	(3.1)	
Below White Oak Creek	1.95	13.5	
Mouth	0	15.7	
OC17J BUFFALO CREEK (Hancock County)			
Above Zoie Brown Creek	32.58	7.0	
Zoie Brown Creek (on right)	32.58	(6.4)	
Below Zoie Brown Creek	32.58	13.4	
Road 214-141	30.67	17.7	
Above Pinkston Creek	29.33	18.9	
Pinkston Creek (on left) OC17J1	29.33	(12.1)	
Below Pinkston Creek	29.33	31.0	
Above Rocky Creek	27.99	32.9	
Rocky Creek (on right)	27.99	(4.0)	
Below Rocky Creek	27.99	36.9	
Road 225-141	27.54	37.5	
Above Sandy Run Creek	25.41	38.5	
Sandy Run Creek (on left) OC17J2	25.41	(14.0)	
Below Sandy Run Creek	25.41	52.5	
Above Little Buffalo Creek	22.12	58.9	
Little Buffalo Creek (on right) OC17J3	22.12	(22.8)	
Below Little Buffalo Creek	22.12	81.7	
Above Swift Creek	21.42	85.0	
Swift Creek (on right)	21.42	(8.6)	
Below Swift Creek	21.42	93.6	
Road 213-141 at Hancock-Washington Line	21.15	93.7	
OC17J1 PINKSTON CREEK (Hancock County)			
Above Creek	3.00	2.9	
Creek (on left)	3.00	(5.7)	
Below Creek	3.00	8.6	
Road 077-141	1.18	11.5	
Mouth	0	12.1	

\* 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.

OC17 TRIBUTARIES TO LAKE SINCLAIR AND OCONEE RIVER -- Continued

Site	Stream miles	Drainage area (mi <sup>2</sup> )	7Q10 (ft <sup>3</sup> /s)
OC17J2 SANDY RUN CREEK (Hancock County)			
Road 222-141	5.48	6.7	
Road 072-141	3.73	13.2	
Mouth	0	14.0	

OC17J3 LITTLE BUFFALO CREEK (Hancock County)

Note: Mill Creek is head of Little Buffalo Creek

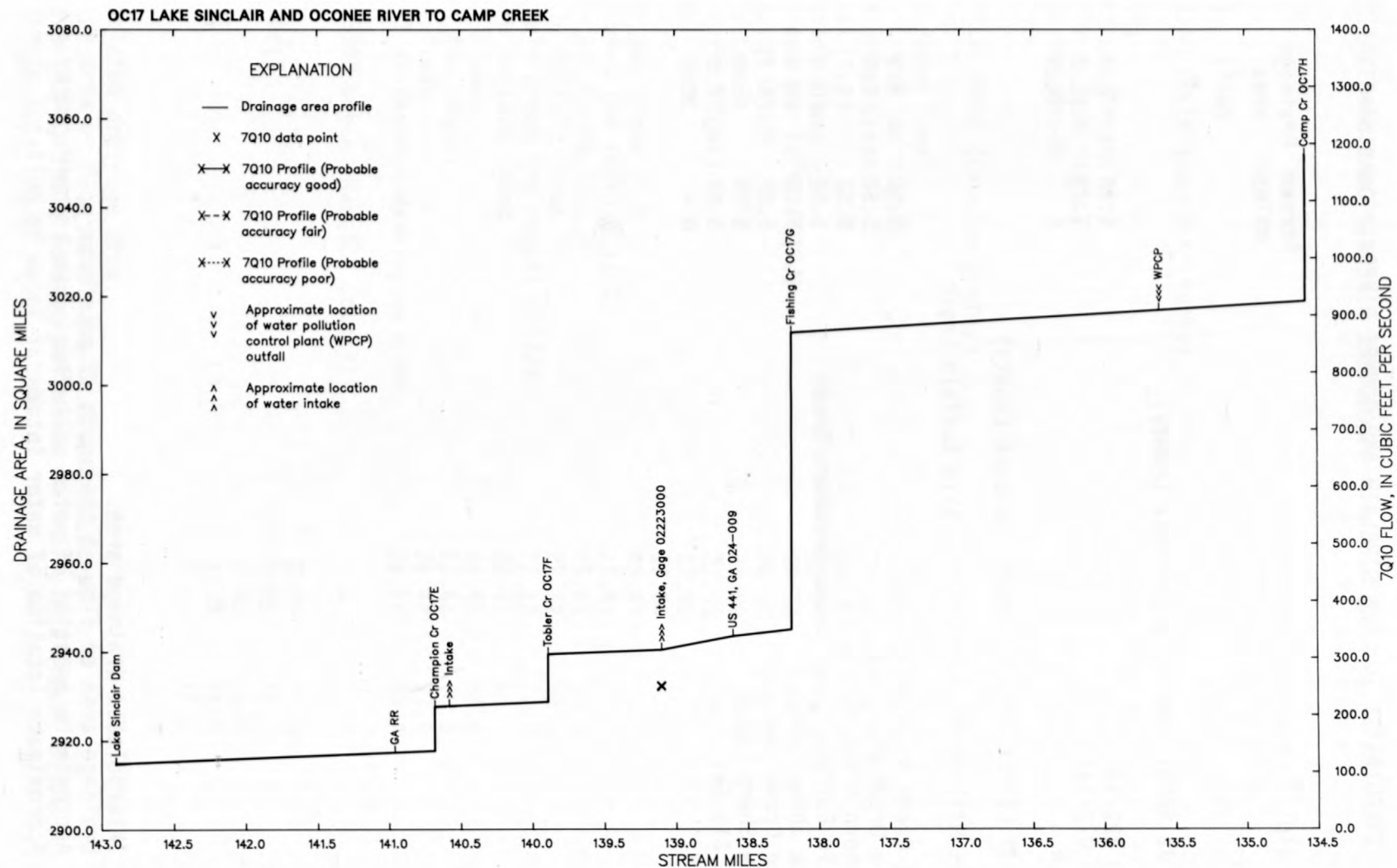
Mill Creek at Road 112-141	6.60	4.5
Above Drawhorn Creek	5.52	5.5
Drawhorn Creek (on left)	5.52	(5.1)
Little Buffalo Creek below Drawhorn Creek	5.52	10.6
Above Sheep Creek	5.09	10.9
Sheep Creek (on right)	5.09	(4.7)
Below Sheep Creek	5.09	15.6
Road 213-141	3.87	17.3
Mouth	0	22.8

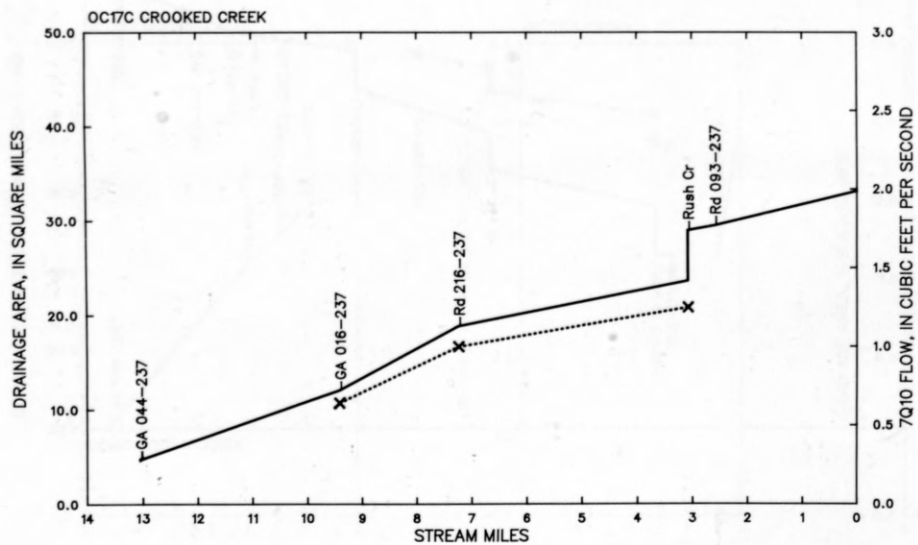
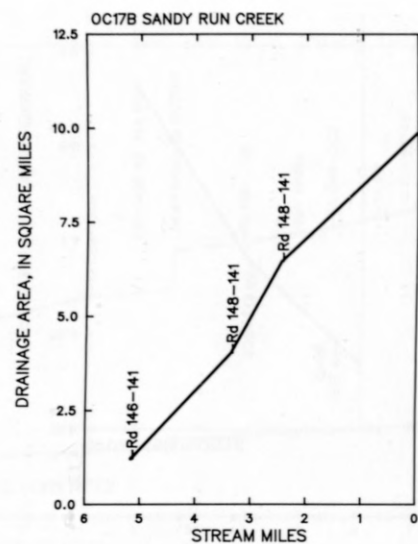
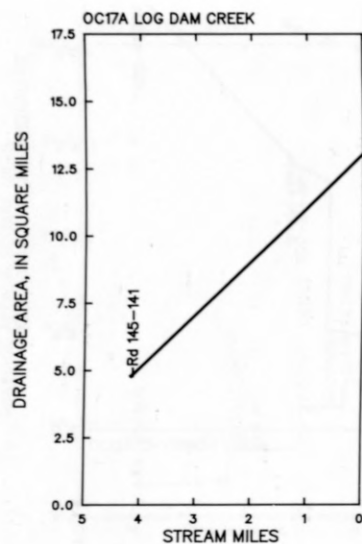
\* Interpolated drainage area.

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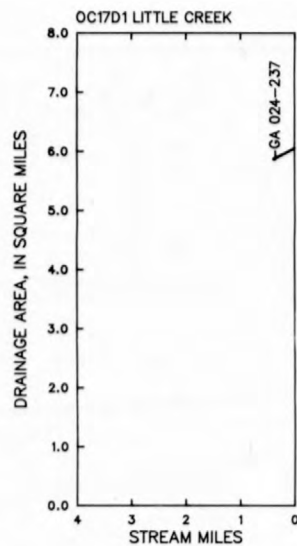
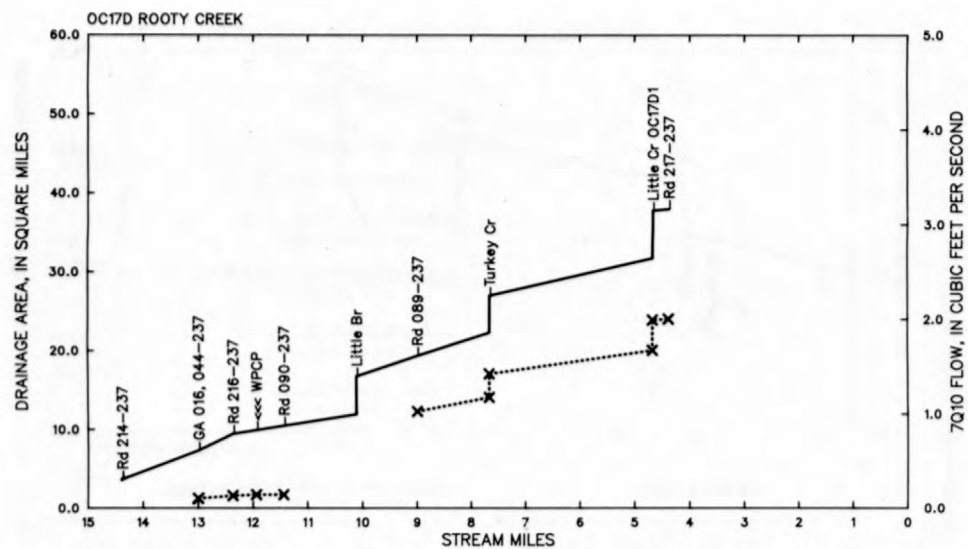
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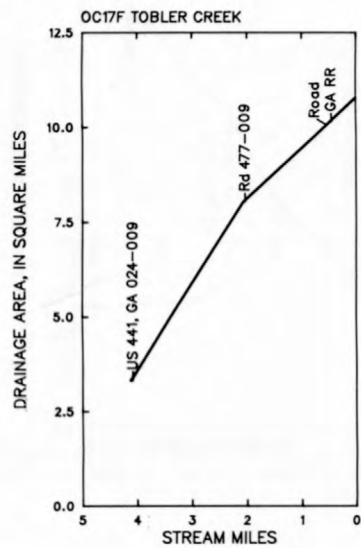
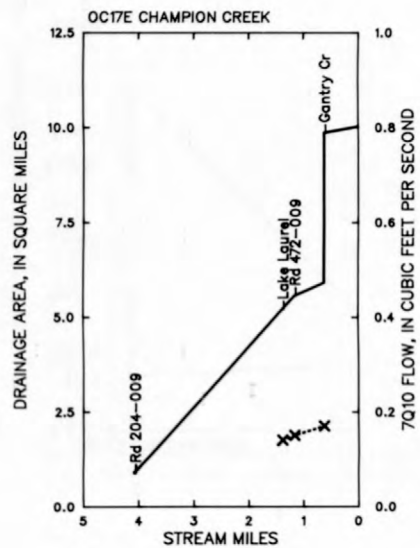


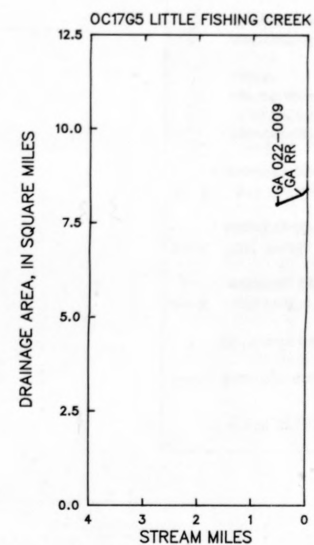
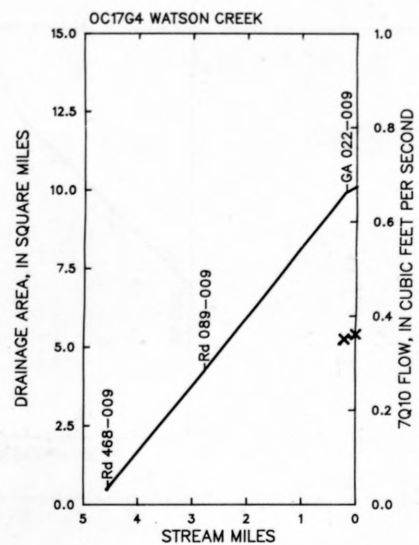
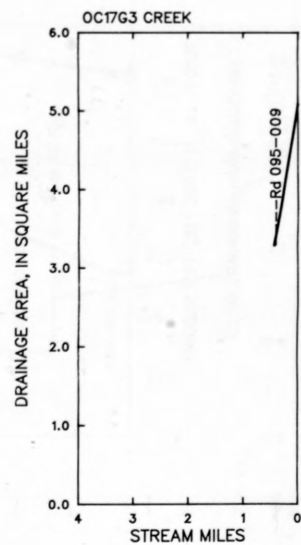
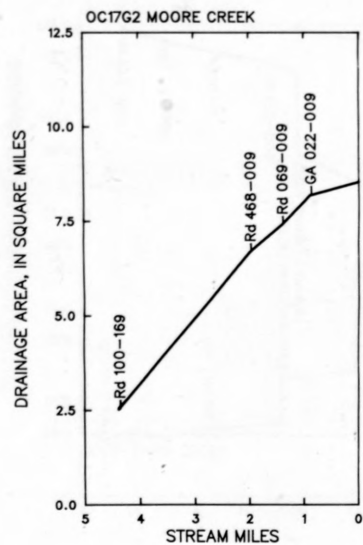
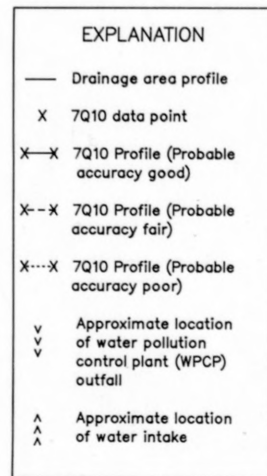
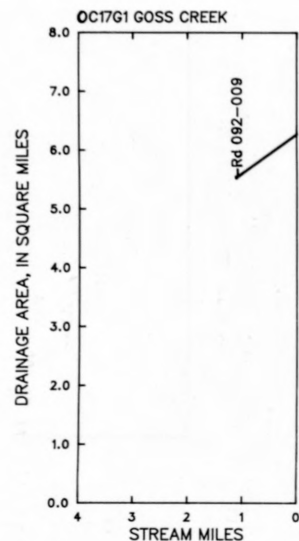
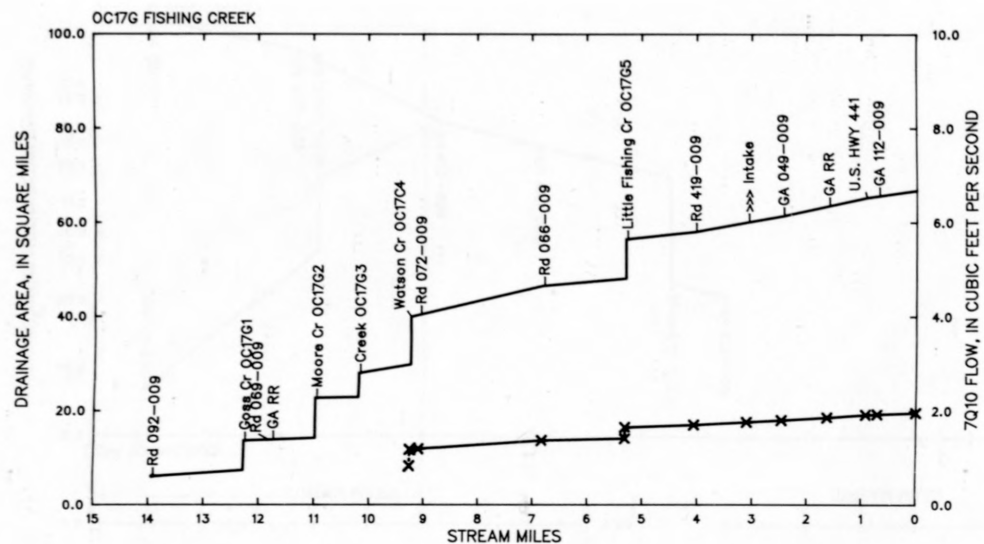
## EXPLANATION

- 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

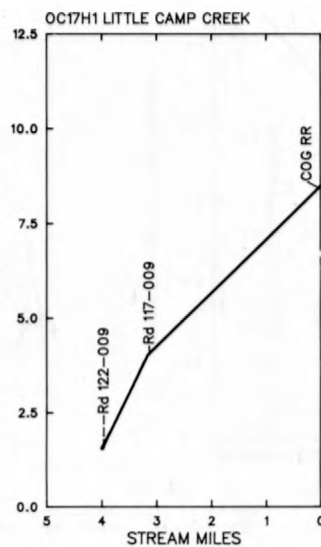
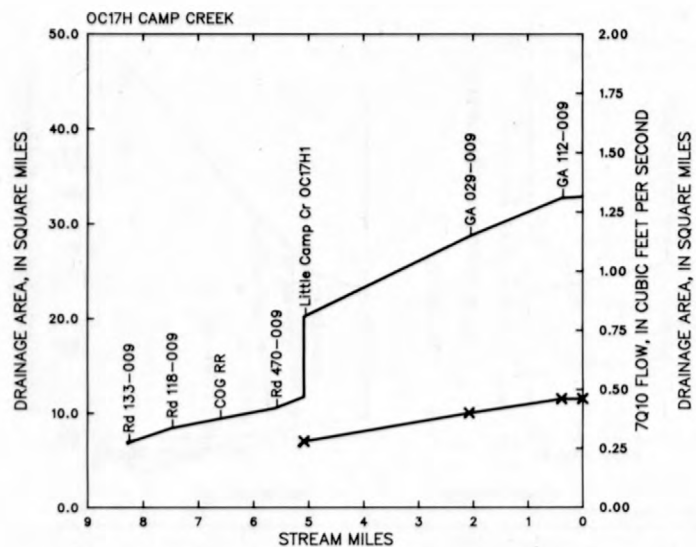


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x—x	7Q10 Profile (Probable accuracy good)
x--x	7Q10 Profile (Probable accuracy fair)
x...x	7Q10 Profile (Probable accuracy poor)
v	Approximate location of water pollution control plant (WPCP) outfall
^	Approximate location of water intake



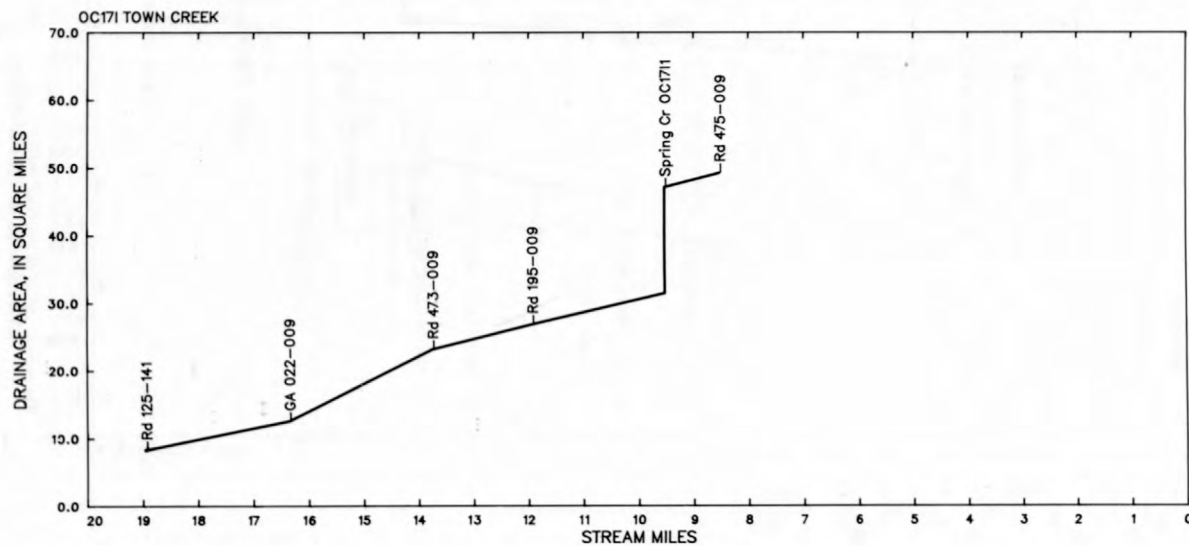


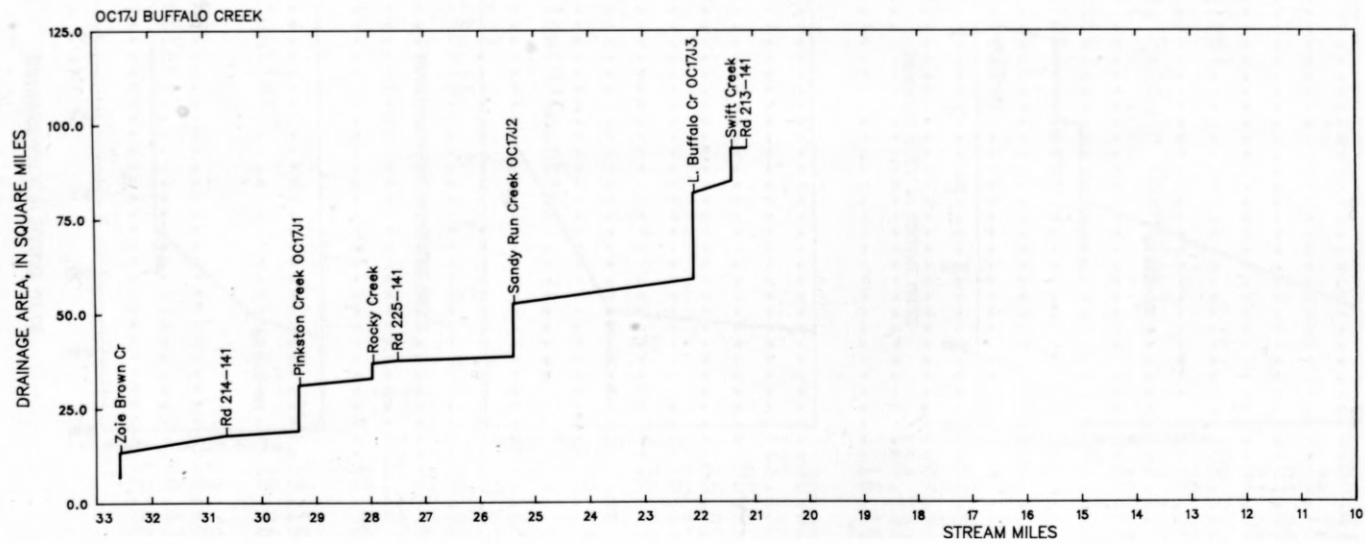
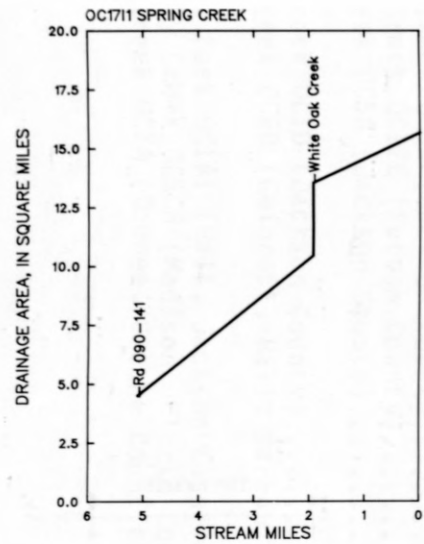




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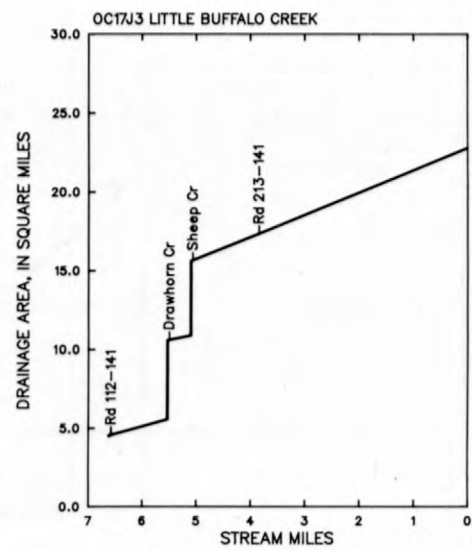
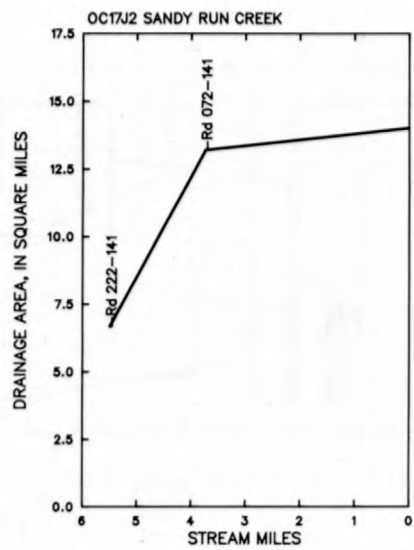
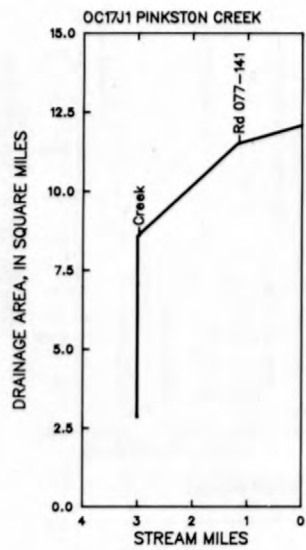
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- ^  
^  
^ Approximate location of water intake





## 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
- A 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

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