FLOODS OF FEBRUARY AND MARCH 1990

IN ALABAMA, GEORGIA, AND FLORIDA

by J.L. Pearman, T.C. Stamey, G.W. Hess, and G.H. Nelson, Jr.

U.S. GEOLOGICAL SURVEY

Water-Resources Investigations Report 91-4089

1991

U.S. DEPARTMENT OF THE INTERIOR

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CONVERSION FACTORS

Multiply	By	To obtain
inches (in.)	25.4	millimeters
feet (ft)	0.3048	meters
miles (mi)	1.609	kilometers
square miles (mi^2)	2.590	square kilometers
cubic feet per second (ft^3/s)	0.02832	cubic meters per second

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ABSTRACT

Flood data for 236 streamflow gaging stations and miscellaneous sites are tabulated for floods which occurred during February and March 1990 throughout large parts of Alabama, northwest and west-central Georgia, and northwest Florida. The flooding was the result of two major storms occurring about one month apart. Throughout the affected area, many streams exceeded previously recorded flood heights and discharges. Record floods occurred at 74 sites, and 46 sites had peak discharges that equaled or exceeded the 100-year recurrence interval discharge. Rainfall data, discharge hydrographs, and recurrence intervals are also given in this report.

INTRODUCTION

Widespread flooding occurred in February and March 1990 throughout large parts of Alabama, northwestern and west-central Georgia, and northwestern Florida as a result of two separate storm systems. The February flood resulted from heavy rainfall on the 15th and 16th over west-central and northeastern Alabama and northwestern and north-central Georgia. The March flood resulted from nearly continuous rainfall that began in southwestern Alabama and northwestern Florida on the 15th, and extended into central and southeastern Alabama and west-central Georgia on the 16th. Peak discharges having recurrence intervals in excess of 100 years occurred in areas of northwestern and west-central Georgia, southeastern Alabama, and northwestern Florida.

Purpose and Scope

The purpose of this report is to describe and document the February 1990 flood in Alabama and Georgia, and the March 1990 flood in Alabama, Georgia, and Florida. This report provides information on (1) the amount and distribution of rainfall during the February and March storms, (2) peak stage and discharge for selected gaging stations and miscellaneous sites, (3) recurrence intervals of peak discharges, and (4) hydrographs of the flood discharges for selected gaging stations.

Acknowledgments

Precipitation data used to prepare this report were provided by the U.S. Department of Commerce, National Weather Service. The authors gratefully acknowledge the assistance provided by personnel of the National Weather Service who reviewed the precipitation maps and rainfall data presented in this report. The authors also are grateful to personnel of the U.S. Army Corps of Engineers for providing historical flood information for several sites. Additionally, the U.S. Army Corps of Engineers provided funds for the operation of many gaging stations whose records were used herein. Also, the Alabama Department of Environmental Management, Alabama Highway Department, Georgia Department of Natural Resources, Georgia Department of Transportation, and Northwest Florida Water Management District provided funds through joint-funding agreements with the U.S. Geological Survey for the operation of gaging stations.

DESCRIPTION OF STORMS

The February and March storms were typical cyclonic storms which occur most frequently between November and April in the southeastern United States. A strong high pressure system was over the southeastern United States prior to the February storm, and high pressure developed again over the region prior to the March storm. These high pressure systems weakened and moved eastward, allowing low pressure systems with accompanying cold fronts to approach Alabama, northwestern Florida, and Georgia. Southerly winds in advance of the storms brought warm, moist air in from the Gulf of Mexico. An upper air storm system generated disturbances which traveled along the nearly stationary cold fronts, resulting in waves of heavy, and sometimes intense, rainfall over parts of Alabama, Georgia, and northwestern Florida (fig. 1).

February Storm Rainfall

Rainfall associated with the February storm began in western Alabama during the afternoon of the 15th, and moved northeastward across north-central and northeastern Alabama into northwestern and north-central Georgia where it subsided about mid-day on the 16th. Rainfall totals of 4 to 8 inches occurred over large areas in Alabama and Georgia (fig. 2 and table 1); and rainfall in some localized areas exceeded 10 inches as evidenced by the more than 11 inches of rain recorded at Summerville in northwestern Georgia. Rainfall totaled 9 inches at Chatsworth in north-central Georgia and almost 8 inches at Fort Payne in northeastern Alabama. Other localized areas of large rainfall accumulation occurred in the Tuscaloosa and Cullman areas of Alabama, and the McCaysville area of Georgia.

March Storm Rainfall

The March storm rainfall began in southwestern Alabama on March 15 and proceeded gradually northeastward across southern Alabama and the Florida panhandle into west-central Georgia where it ended during the evening of March 16. Widespread rainfall amounts ranged from 8 to 13 inches over most of southwestern and south-central Alabama with locally higher amounts also recorded.

The hourly-recording rainfall stations near Andalusia in southern Alabama and Columbus in west-central Georgia received 17 and 8 inches of rainfall, respectively, during March 15-17 (fig. 3). Cumulative rainfall totals for other selected rainfall stations are given for the period March 15-17 in figure 4 and in table 1.

The area affected by heavy rainfall from this storm was greater than that affected by the February storm (fig. 4). About 35 percent of the State of Alabama, and 5 percent of the State of Georgia, had 2-day rainfall totals exceeding 8 in.

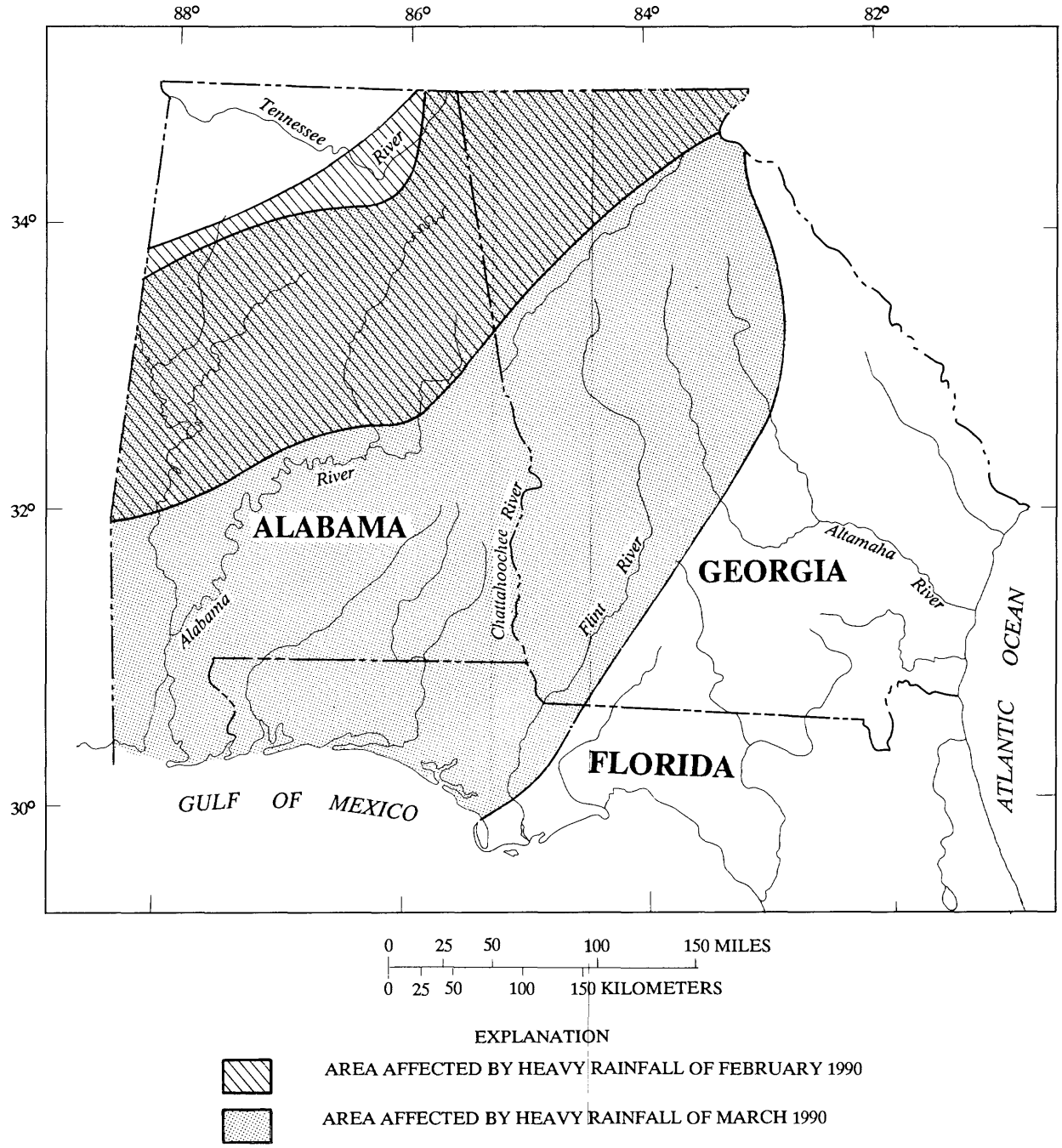

Figure 1.--Areas affected by heavy rainfall of February and March 1990.

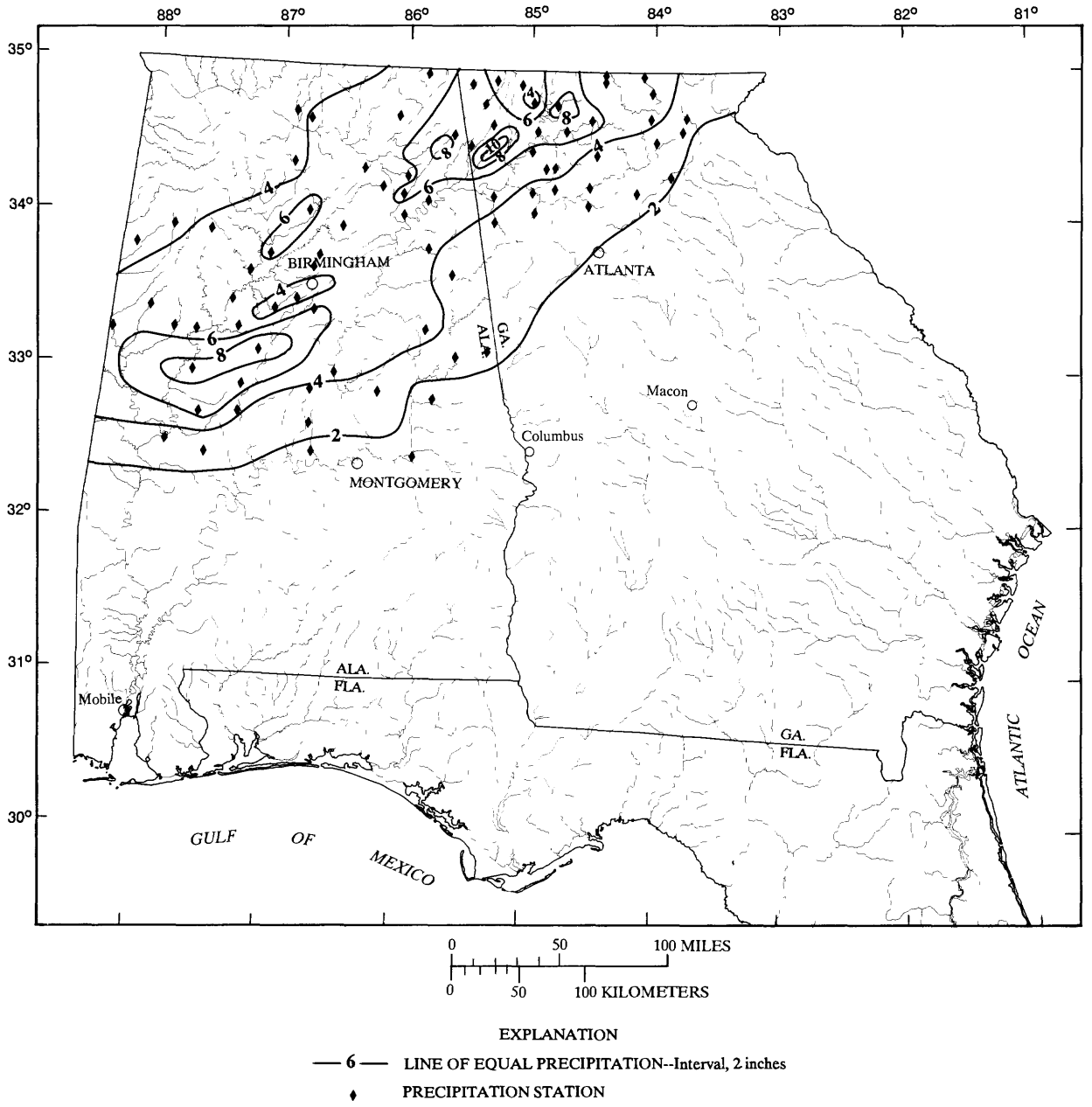

Figure 2.--Location of precipitation stations and lines of equal precipitation for the storm of February 16-17, 1990.

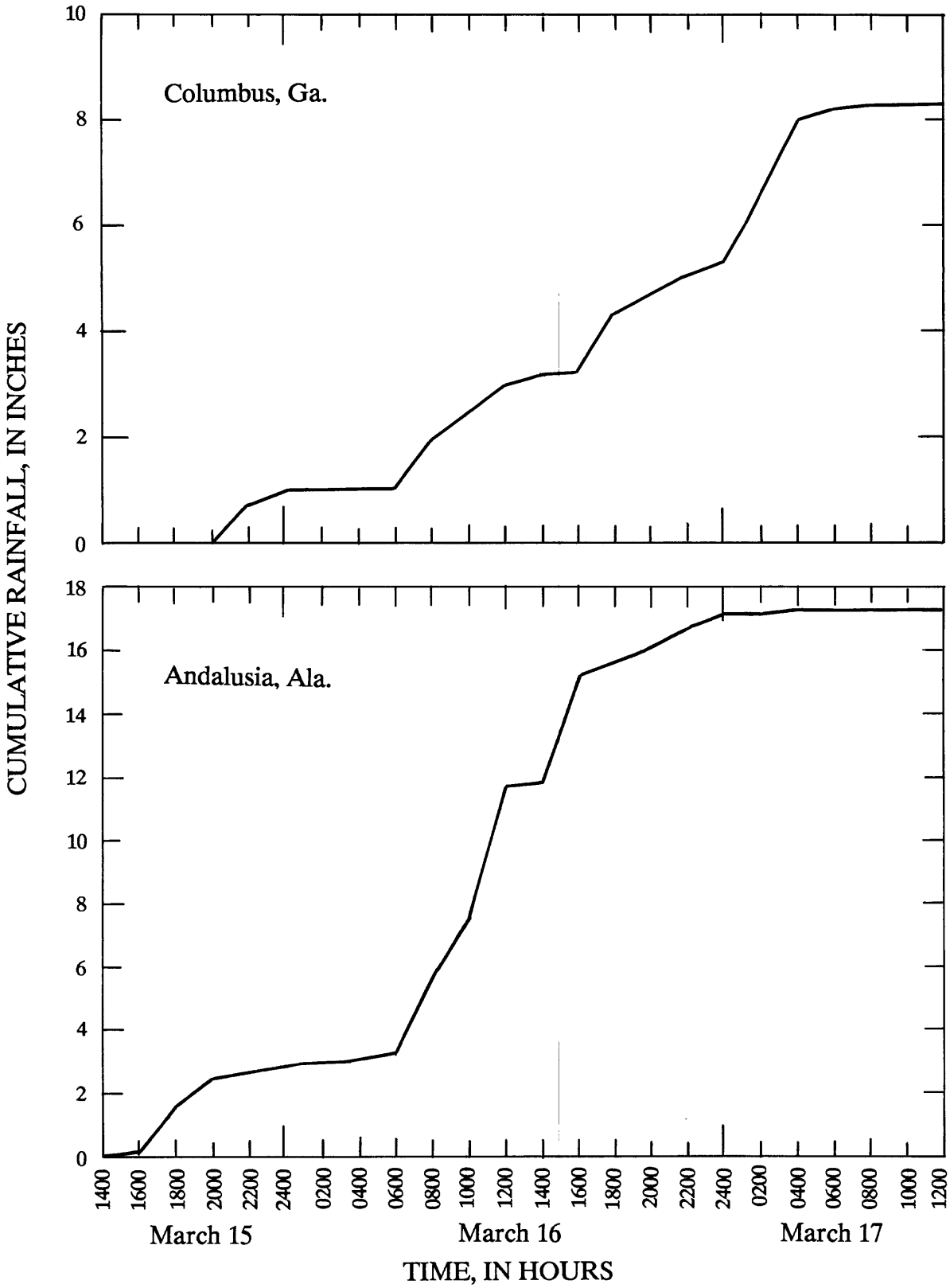

Figure 3.--Cumulative rainfall for Columbus, Georgia and Andalusia, Alabama for March 15-17, 1990.

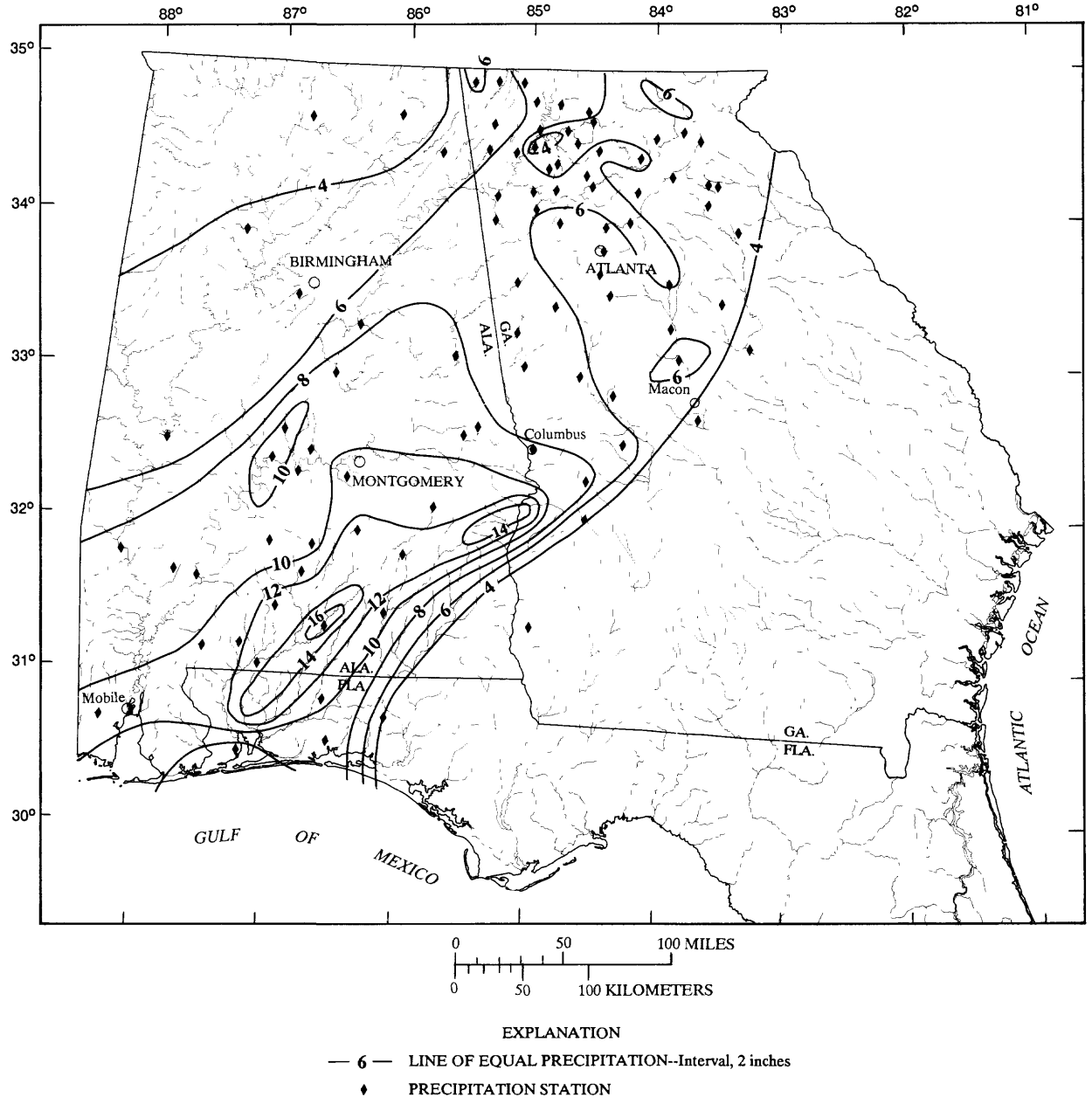

Figure 4.--Location of precipitation stations and lines of equal precipitation for the storm of March 16-17, 1990.

FLOOD FREQUENCY

The peak discharge of a flood, as it is related to the probability of occurrence, is known as a flood-frequency relation. The average frequency of occurrence (average interval between floods) is referred to as recurrence interval. The recurrence interval of an annual flood is the average interval, in years, between floods equal to or greater than that flood. The reciprocal of the recurrence interval is the annual probability of exceedance. For example, a flood having a 100-year recurrence interval, which is sometimes referred to as the "100-year flood", has 1 chance in 100 or 1 percent chance of occurring in any given year. The recurrence interval is an "average" number of years between events, and does not imply a regular interval of occurrence or that it will be that many years before another event of that magnitude occurs. In fact, similar or greater events can occur within the same year, as demonstrated by several stations where outstanding flood peaks occurred in both February and March 1990. The recurrence intervals of floods in this report were calculated from station data or previously-published regional flood-frequency equations developed using statistical analyses of flood-flow records from numerous USGS peak discharge stations in Alabama, Florida, and Georgia (Price, 1978; Bridges, 1983; and Olin, 1984). Standard techniques and procedures used to determine the station flood-frequency relations are described by the U.S. Water Resources Council (1981).

DESCRIPTION OF FLOODS

Major flooding occurred in Alabama and Georgia during February 1990; and in Alabama, Georgia, and Florida during March 1990. The most severe flooding during February occurred on the Chattooga, Conasauga, Oostanaula, and Toccoa Rivers in Georgia, and on the Little River, Big Wills Creek, and Mulberry Fork in Alabama (table 2). The most severe flooding in March occurred on the Choctawhatchee, Pea, Yellow, Blackwater, and Escambia Rivers in Alabama and Florida; and on Yellow River, Upatoi Creek, Kinchafoonee Creek, and the upper Flint River in Georgia (table 2). Peak discharges at many streamflow gaging stations in the affected basins exceeded the 100-year recurrence interval discharge (table 2).

Lines of equal recurrence intervals (figs. 5 and 6) were developed using the data from table 2. In general, these lines reflect recurrence intervals for unregulated streams not affected by urbanization with drainage areas greater than 10 mi^2 and less than 1,000 mi^2. These figures should not be used to estimated the recurrence interval at an individual site.

On larger basins, such as the Flint River in Georgia and the Alabama River in Alabama, floods having large recurrence intervals generally occurred on mid- or downstream portions of the basins. For example, Flint River near Culloden, Georgia (site 77) experienced 50-year recurrence interval flooding, while stations both upstream and downstream had floods of lower recurrence intervals. Therefore, figures 5 and 6 may not be

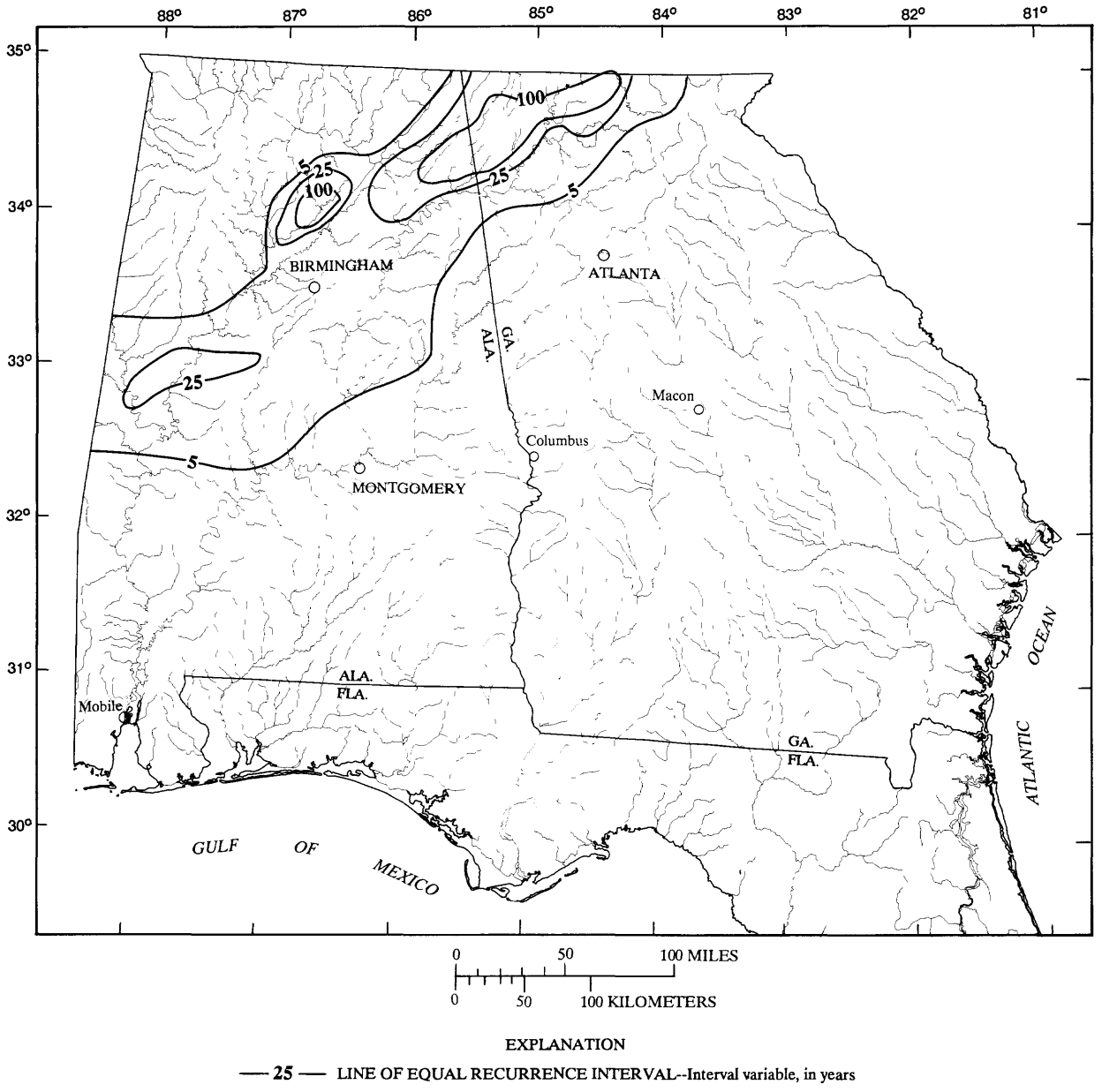

Figure 5.--Location of lines of equal recurrence intervals for February 1990 peak discharges for unregulated and unurbanized streams.

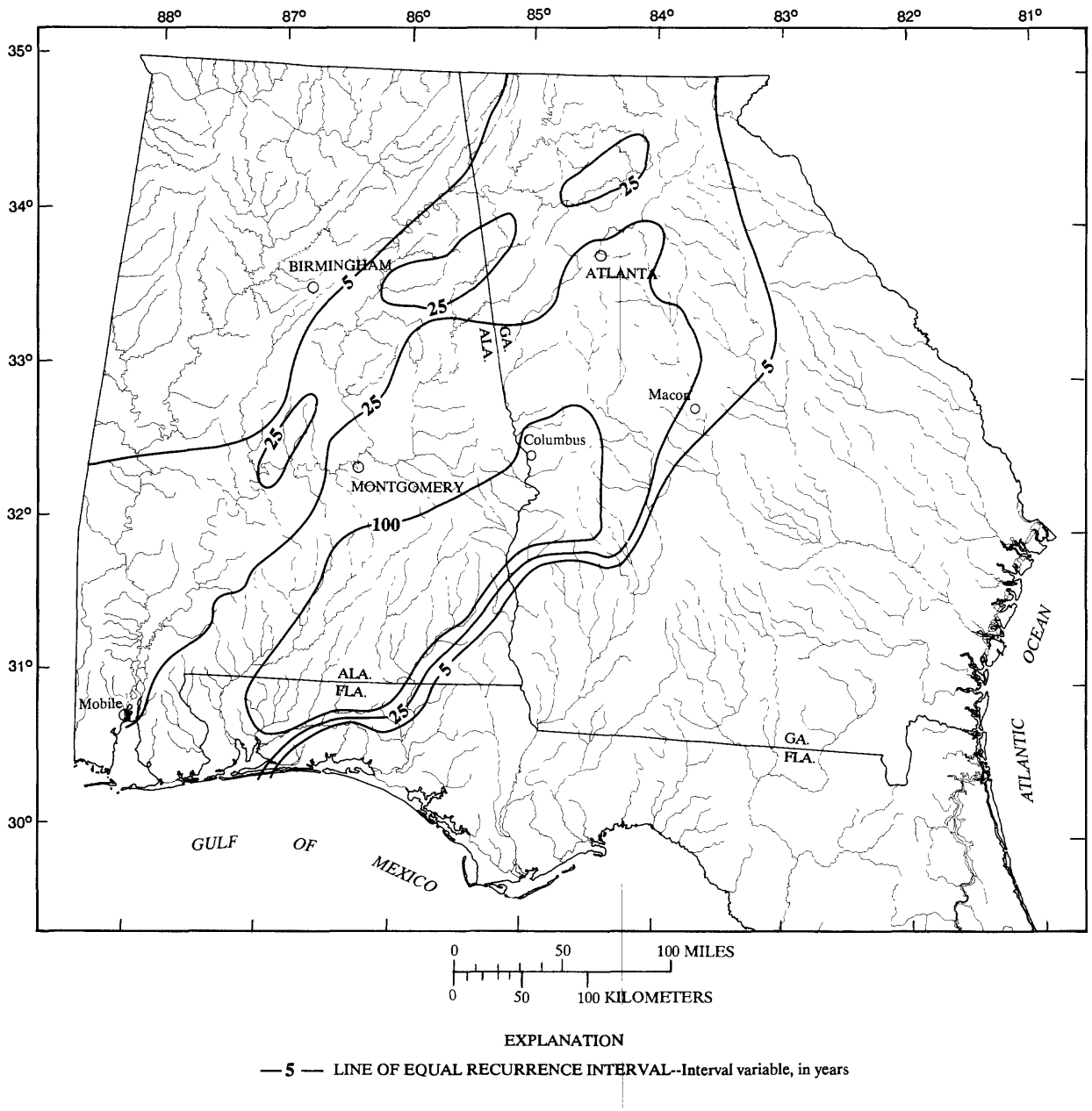

Figure 6.--Location of lines of equal recurrence intervals for March 1990 peak discharges for unregulated and unurbanized streams.

useful in determining recurrence intervals for specific sites on streams with large drainage areas (greater than 1,000 mi^2). Those basins smaller than 10 mi^2 generally had floods with lower recurrence intervals than those in larger basins. But, where large floods did occur on small streams, they resulted from locally intense rainfall of short duration.

Flooding was more widespread in February and March 1990 than in any year since 1979. Of the 236 sites listed in table 2, record floods occurred at 74 sites, and 46 sites had peak discharges equal to or greater than the 100-year recurrence interval discharge. Previous major floods in Alabama, Georgia, and Florida occurred in 1886, 1916, 1925, 1929, 1936, 1948, 1951, 1961, 1964, and 1979.

Flood Stages and Discharges

Peak stages and discharges at many gaging stations and miscellaneous sites throughout the area within the three States affected by the flooding are presented in table 2. Included in table 2 is a map number corresponding to the numbers on plate 1 showing the location of each site. Also listed is the U.S. Geological Survey downstream order number. Following this number is station name and location, drainage area, and period of record for which peak stage and discharge data are available. The peak stage and discharge for the maximum flood previously known are listed with their date of occurrence. The date, stage, discharge, and recurrence interval are given for the February and March floods where both are significant.

For those sites where the recurrence interval exceeded 100 years, a ratio of the February or March 1990 peak discharge to the 100-year recurrence interval discharge is given. This ratio is not indicative of recurrence interval. For example, at site 56, Juniper Creek near Geneva, Georgia, the March 17, 1990 flood peak (4,300 ft^3/s) was twice the 100-year flood discharge (2,150 ft^3/s) (ratio of 2.0). This does not imply a 200-year recurrence interval for the March 1990 flood.

February Floods

The February flood in Alabama and Georgia was preceded by above average rainfall during January over Alabama and much of northern Georgia, producing antecedent streamflows in the above-normal range. Peak flows occurred on most streams on the 16th and 17th of February. Recurrence intervals of floods associated with this event are illustrated in figure 5.

Areas of Alabama most affected by flooding in February were south of Tuscaloosa, north of Birmingham, and near the Georgia border in areas drained by tributaries to the Coosa River. The peak discharge for Big Wills Creek near Reece City (site 178) exceeded the peak-of-record since 1944 and had a recurrence interval of 50 years. Mulberry Fork near Garden City (site 212), with record beginning June 1928, exceeded its previous maximum discharge of 52,100 ft^3/s with a discharge of 65,800 ft^3/s, which was 1.3 times the 100-year flood discharge (table 2).

Flooding in Georgia occurred primarily in the northwestern and north-central part of the State. Much of this area experienced floods with recurrence intervals exceeding 50 years. Historic peaks for the 1951 flood were exceeded on the Chattooga River at Summerville (site 173), West Chickamauga Creek near Kensington (site 233), and West Armuchee Creek near Subligna (site 158). At each of these sites, peak discharges had recurrence intervals equal to or greater than 100 years. Fightingtown Creek at McCaysville (site 229) surpassed the peak stage of the 1951 flood by more than 5 ft and its peak discharge of 12,200 ft^3/s was more than twice the 1951 flood discharge. Holly Creek near Chatsworth (site 153) exceeded the previous peak stage by 2 ft and the peak discharge of 20,600 ft^3/s was more than twice the 100-year flood discharge (ratio of 2.1, table 2).

March Floods

Flooding in March 1990 was more widespread than that of the February event. Floods with peak discharges exceeding the 100-year recurrence interval discharge occurred from the western Florida panhandle, across south-central Alabama, and into west-central Georgia (fig. 6).

The area of Alabama most severely affected extended generally northeastward from Mobile to Clanton, and eastward across most of southern and central Alabama to the Georgia border. Peak stages on many streams approached or exceeded those for the 1929 flood. Unfortunately, few streamflow gaging stations were operated in the area during the 1929 flood and, therefore, recorded peak stages of this historic flood are scarce. Available historical information consists of high-water elevations documented by other Federal and State agencies, highway departments, local residents, and other sources.

The March 1990 flood exceeded previous floods of record in several basins. These include the Choctawhatchee River basin in Alabama where the West Fork Choctawhatchee River at Blue Springs (site 94) surpassed the 1956 peak by 5.8 ft; East Fork Choctawhatchee River near Midland City (site 96) exceeded the 1953 peak by 4.4 ft; and Choctawhatchee River at Newton (site 97) exceeded the 1936 peak by 9 ft. The March 1990 peak discharge of Choctawhatchee River at Newton (87,500 ft^3/s) was more than three times the previous maximum discharge and more than twice the discharge of the 100-year flood (table 2). The peak stage for Pea River near Ariton (site 102) was higher than the previous peak by 0.5 ft; for Sepulga River near McKenzie (site 121) the stage exceeded the previous record stage by 1.6 ft; and for South Fork Cowikee Creek near Batesville (site 61) the previous peak stage was exceeded by 6.3 ft. Alabama River at Selma (site 203) had the second highest peak discharge in more than 100 years of documented flood record. Catoma Creek near Montgomery (site 199) exceeded the 1961 peak stage by 1.3 ft and the peak discharge of 49,100 ft^3/s equalled the 50-year recurrence interval discharge.

A large area of southern Alabama had floods with recurrence intervals exceeding 100 years (fig. 6). The peak discharge of 23,600 ft^3/s on Whitewater Creek near Tarentum (site 103) was 1.5 times the 100-year flood discharge. This stream is a major tributary of the Pea River and contributed significantly to the flooding that caused extensive damage at Elba on March 17.

The Columbus area was the most severely affected area in Georgia, as evidenced by floods exceeding 100-year recurrence intervals on Upatoi, Juniper, Lazar, and Kinchafoonee Creeks. Flint River near Culloden (site 77) had the second highest peak since records began in 1913; the peak stage in 1990 at this site was only 0.4 ft less than that of the 1929 flood. Kinchafoonee Creek at Preston (site 84) exceeded its previous peak stage of record by 0.8 ft, Potato Creek near Thomaston (site 76) by 0.4 ft, and Upatoi Creek near Columbus (site 58) by 11 ft. The peak discharge of 46,300 ft^3/s for Upatoi Creek near Columbus was almost three times the previous maximum discharge.

Flooding in the Florida panhandle occurred primarily on streams with headwaters in Alabama or just south of the Alabama-Florida boundary. Notable floods occurred on Yellow River at Milligan (site 110) exceeding the 1975 peak stage by 1.3 ft, and Escambia River near Century (site 123) with a discharge of 108,000 ft^3/s, which was the highest for 56 years of record. Choctawhatchee River at Caryville (site 106) had the second highest peak of record with a discharge of 128,000 ft^3/s, exceeded only by the 1929 flood.

Flood Hydrographs

Daily discharge hydrographs for selected streamflow gaging stations in the study area show the relative magnitude of the floods of February and March (figs. 7-16). Several of the hydrographs show data for more than one station on the same stream to illustrate the travel time for a peak to move downstream (fig. 9). The hydrographs for the Flint River, along with table 2, indicate that the flood was most severe in the upper part of the basin and the flood peak attenuated as it progressed downstream. Comparison of hydrographs for sites in the Chattahoochee River basin (fig. 7) shows a continuing increase in peak flow as it moved downstream, indicating a basin-wide flood event. Influence from reservoirs can be seen in hydrographs for the mid-Chattahoochee and Tallapoosa Rivers (figs. 7, 15).

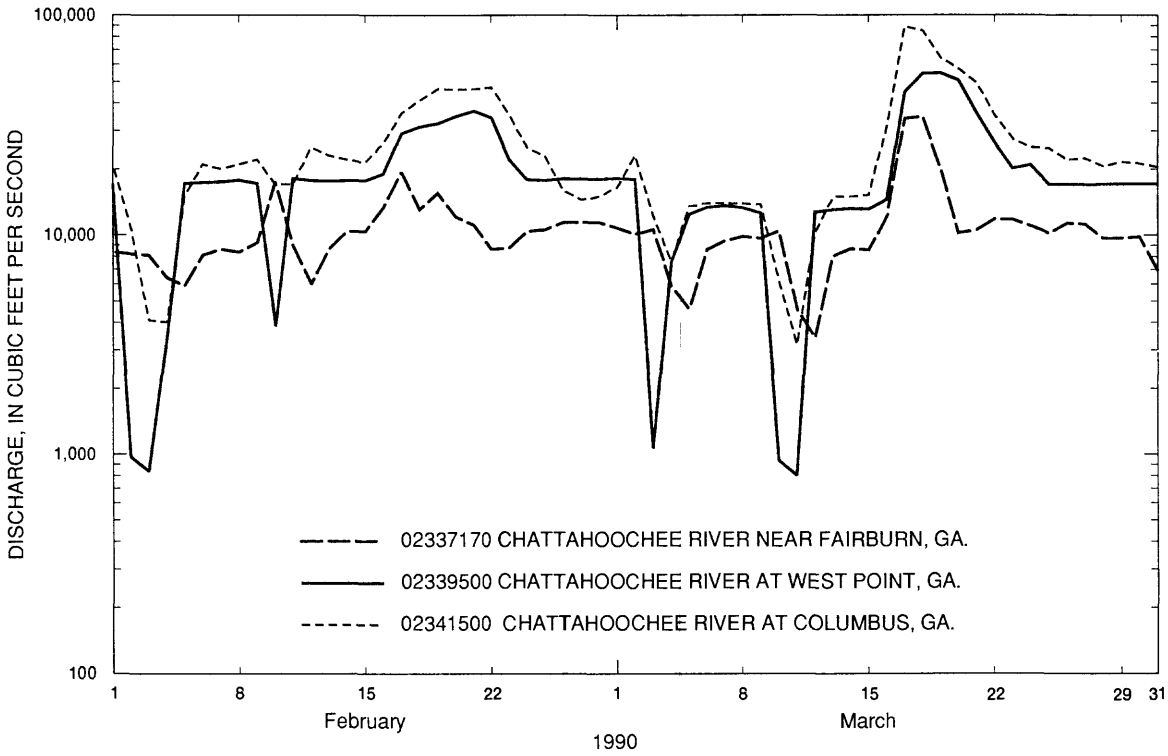

Figure 7.--Daily mean discharge hydrographs for Chatthoochee River near Fairburn, Ga., Chattahoochee River at West Point, Ga., and Chattahoochee River at Columbus, Ga., February and March 1990.

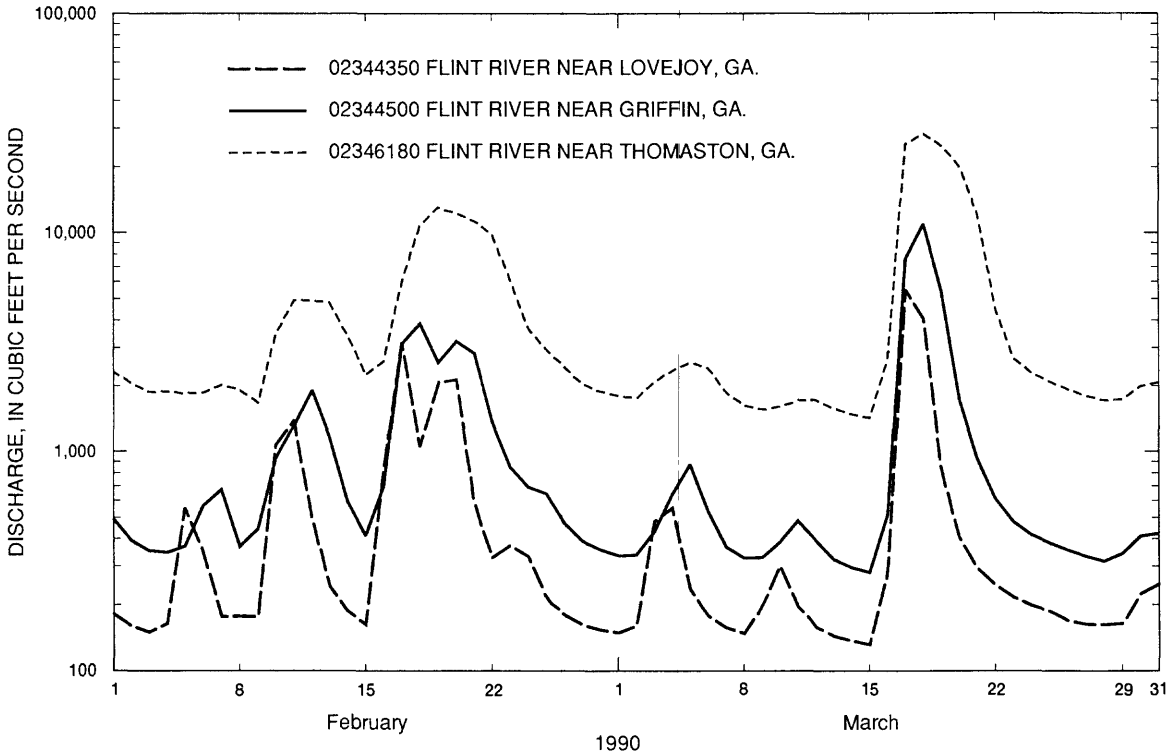

Figure 8.--Daily mean discharge hydrographs for Flint River near Lovejoy, Ga., Flint River near Griffin, Ga., and Flint River near Thomaston, Ga., February and March 1990.

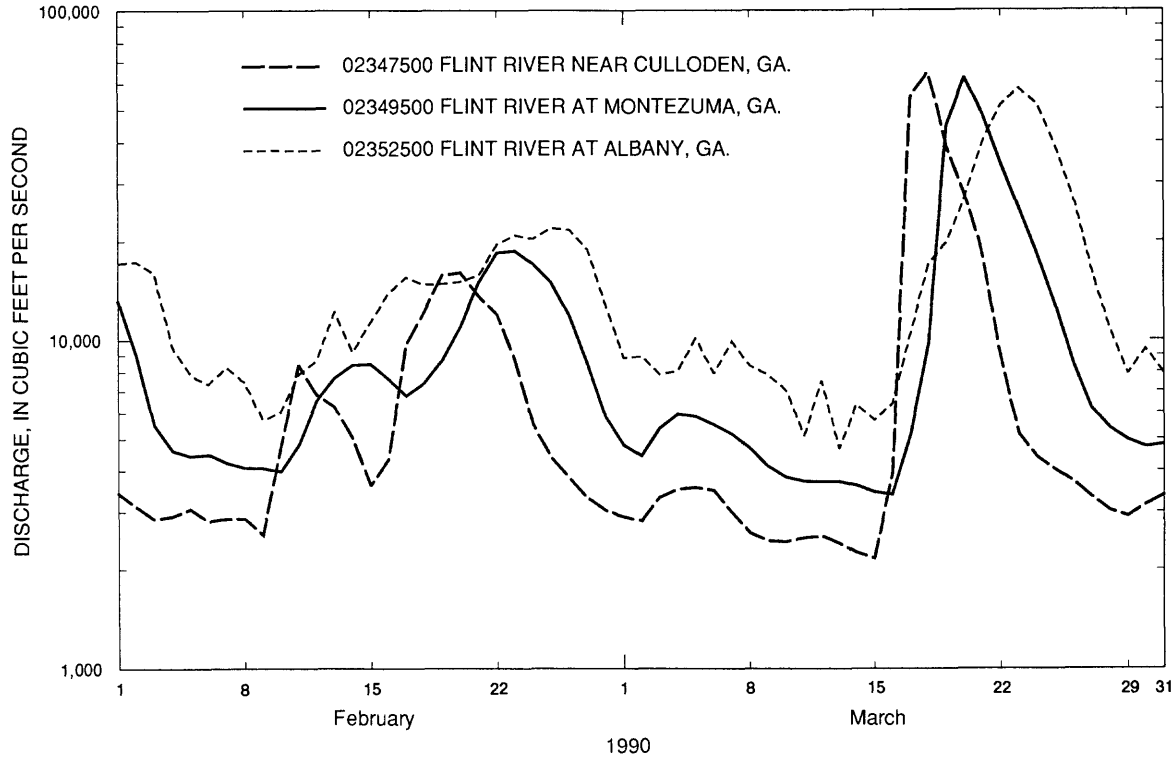

Figure 9.--Daily mean discharge hydrographs for Flint River near Culloden, Ga., Flint River at Montezuma, Ga., and Flint River at Albany Ga., February and March 1990.

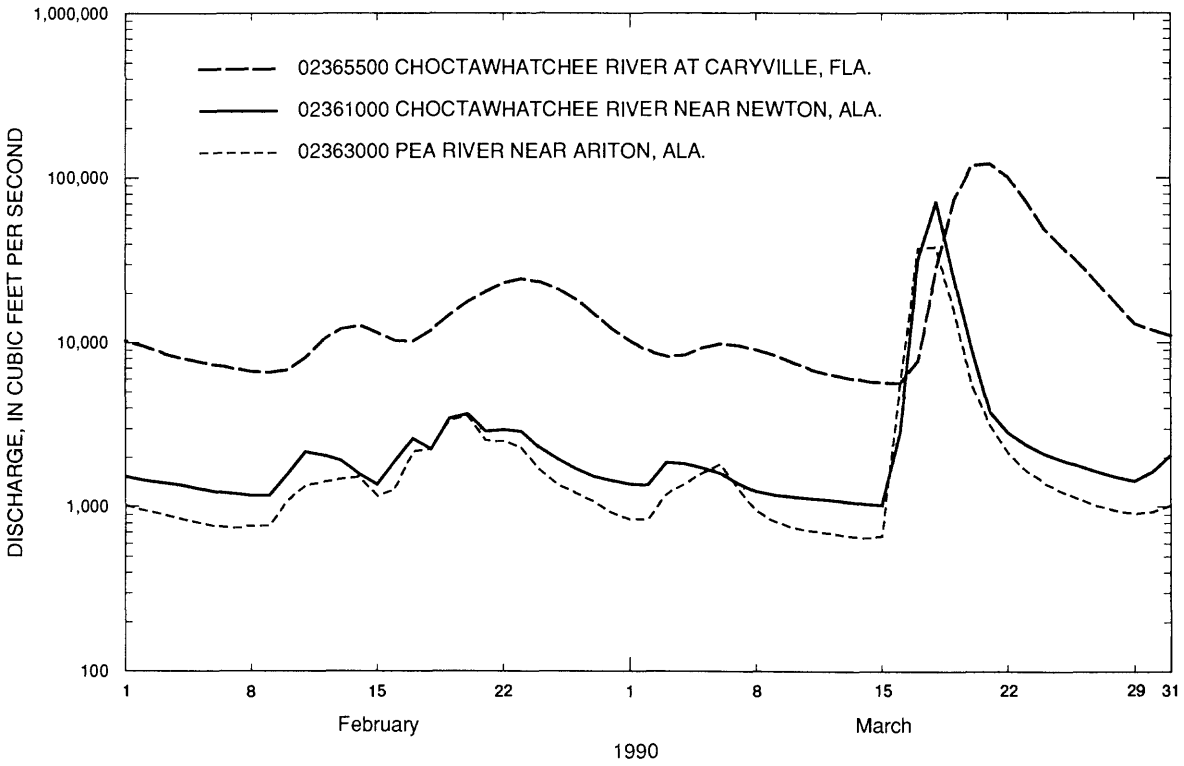

Figure 10.--Daily mean discharg hydrographs for Choctawhatchee River near Newton, Ala., Pea River near Ariton, Ala., and Choctawhatchee River at Caryville, Fla., February and March 1990.

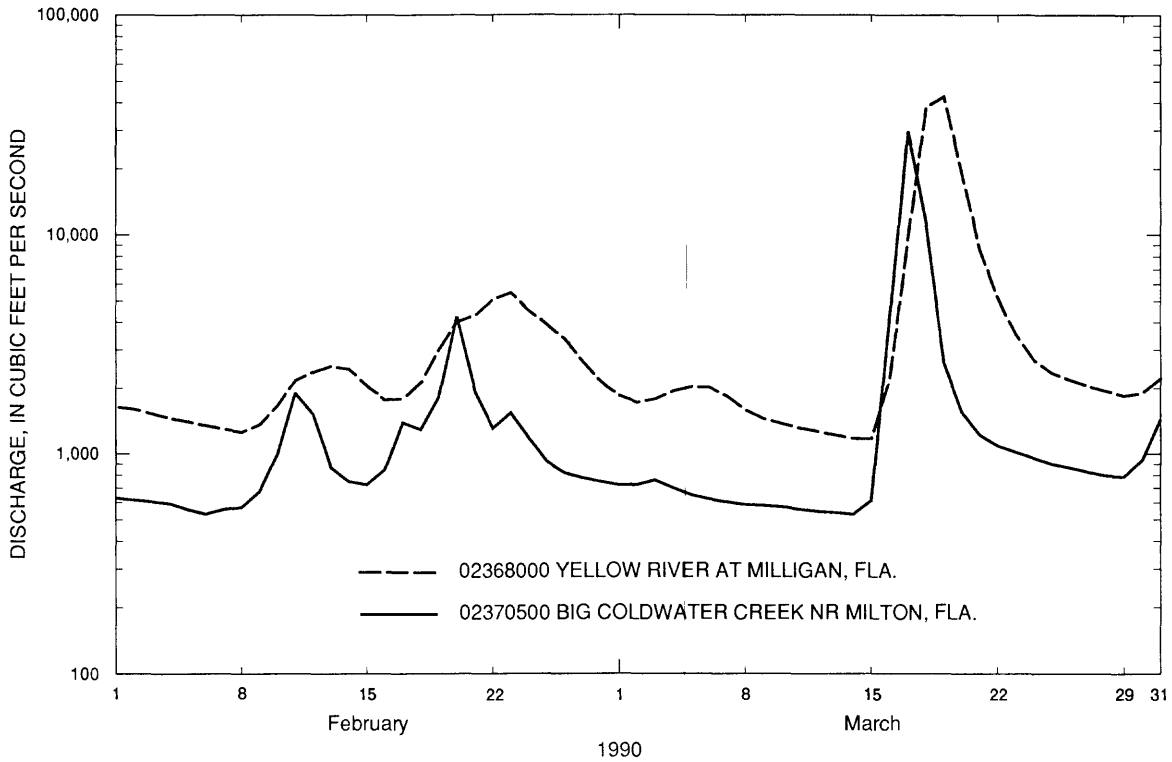

Figure 11.--Daily mean discharge hydrographs for Yellow River at Milligan, Fla. and Big Coldwater Creek near Milton, Fla., February and March 1990.

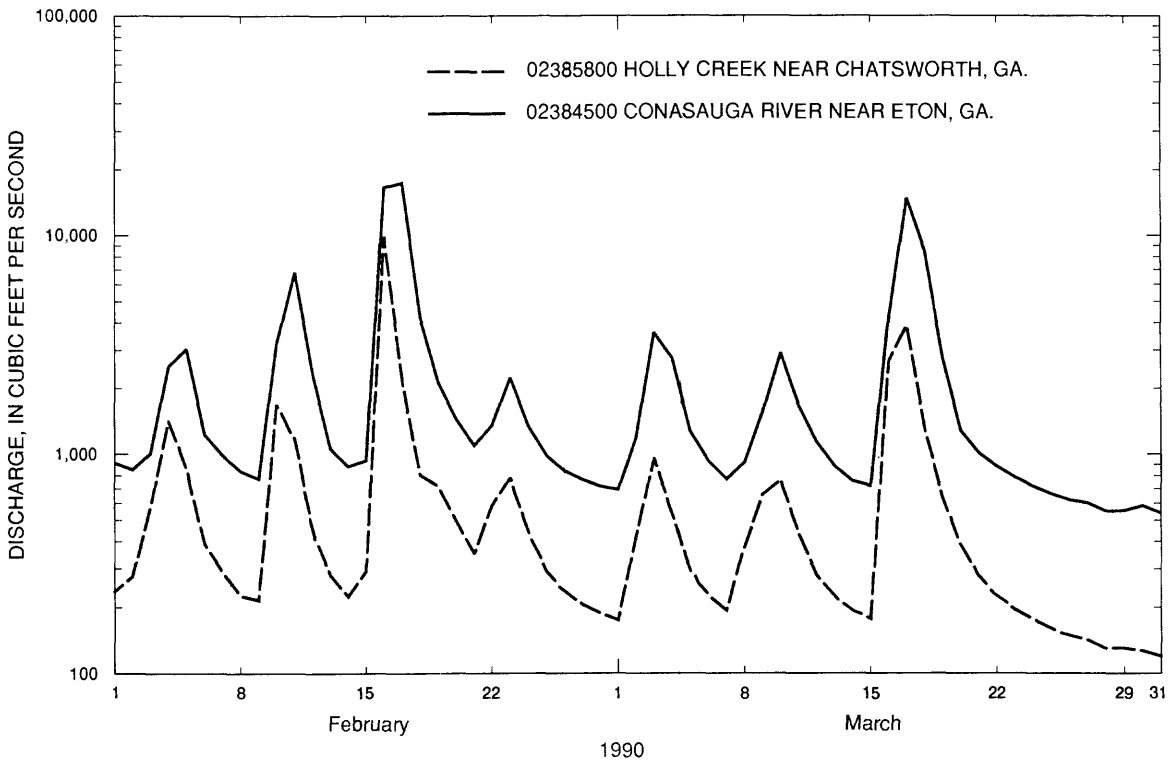

Figure 12.--Daily mean discharge hydrographs for Conasauga River near Eton, Ga. and Holly Creek near Chatsworth, Ga., February and March 1990.

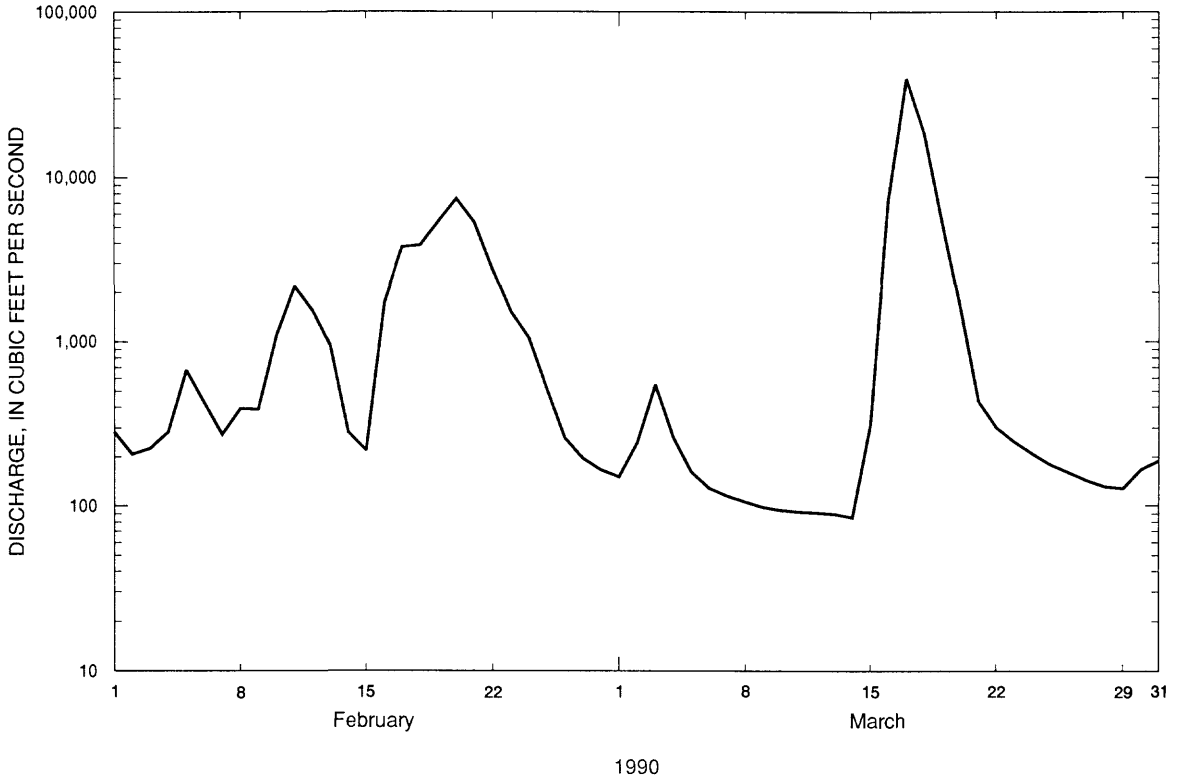

Figure 13.--Daily mean discharge hydrographs for Catoma Creek near Montgomery, Ala., February and March 1990.

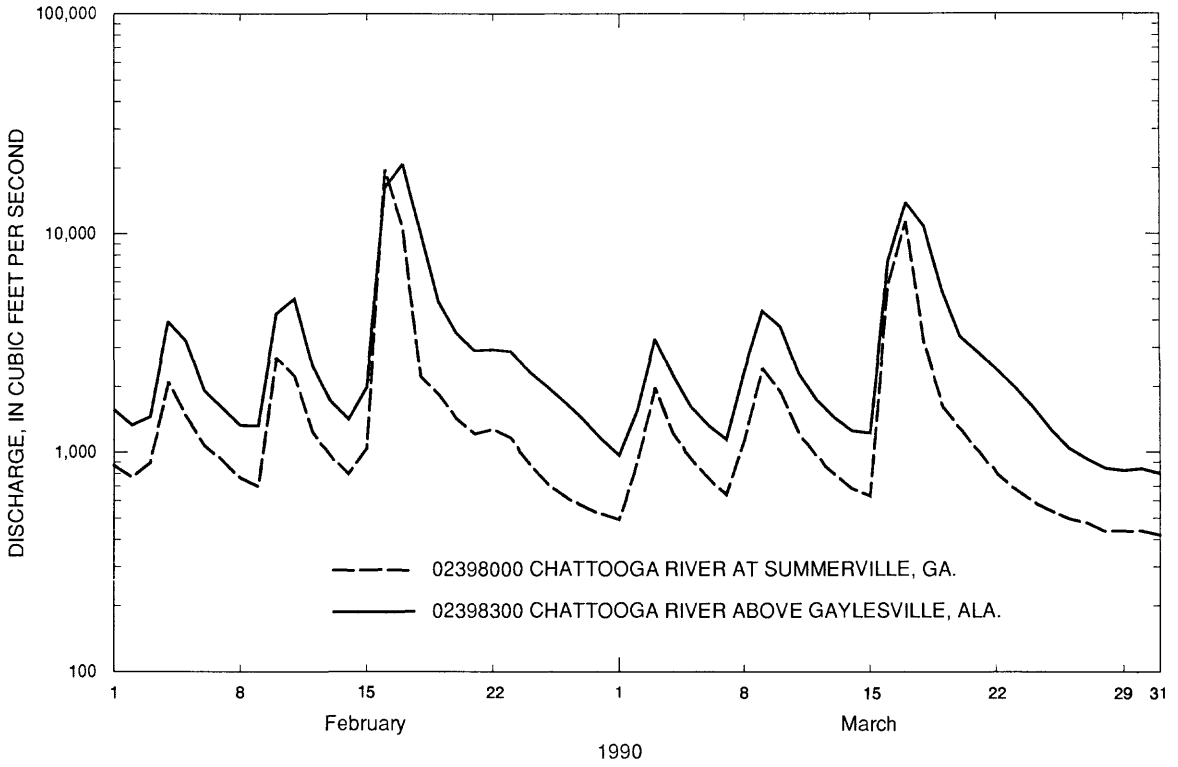

Figure 14.--Daily mean discharge hydrographs for Chattooga River at Summerville, Ga. and Chattooga River above Gaylesville, Ala., February and March 1990.

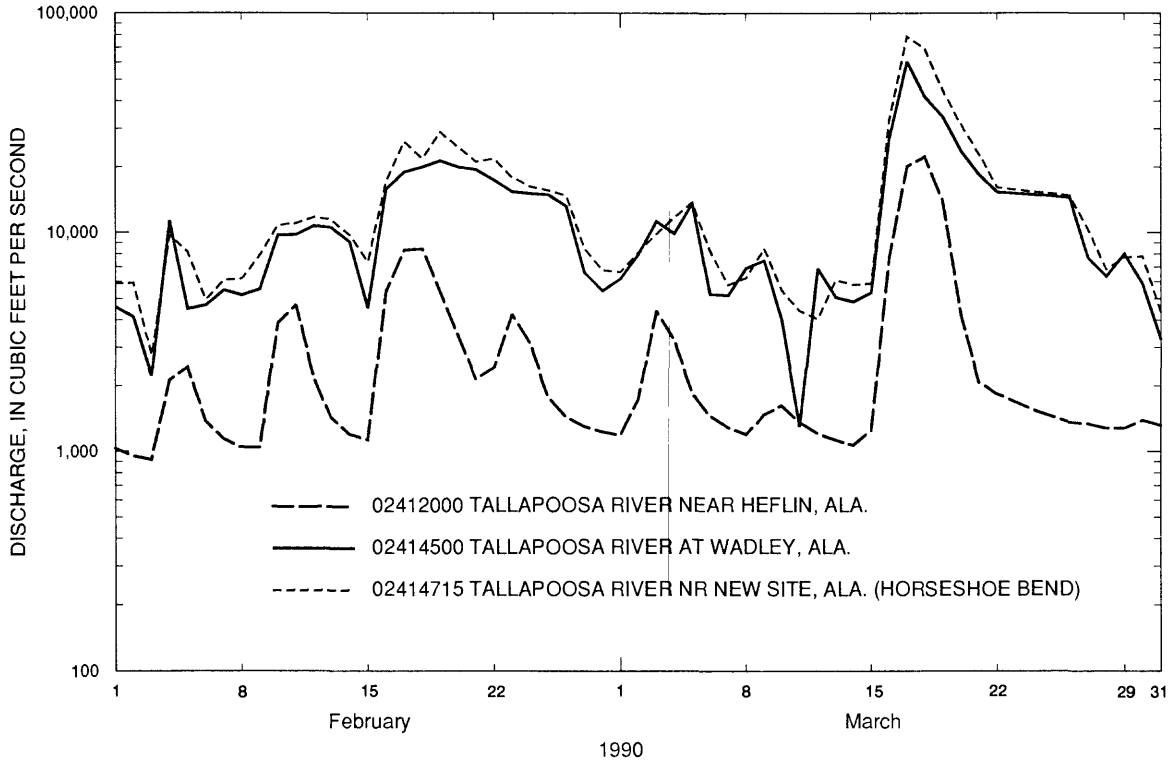

Figure 15.--Daily mean discharge hydrographs for Tallapoosa River near Heflin, Ala., Tallapoosa River at Wadley, Ala., and Tallapoosa River near New Site, Ala., February and March 1990.

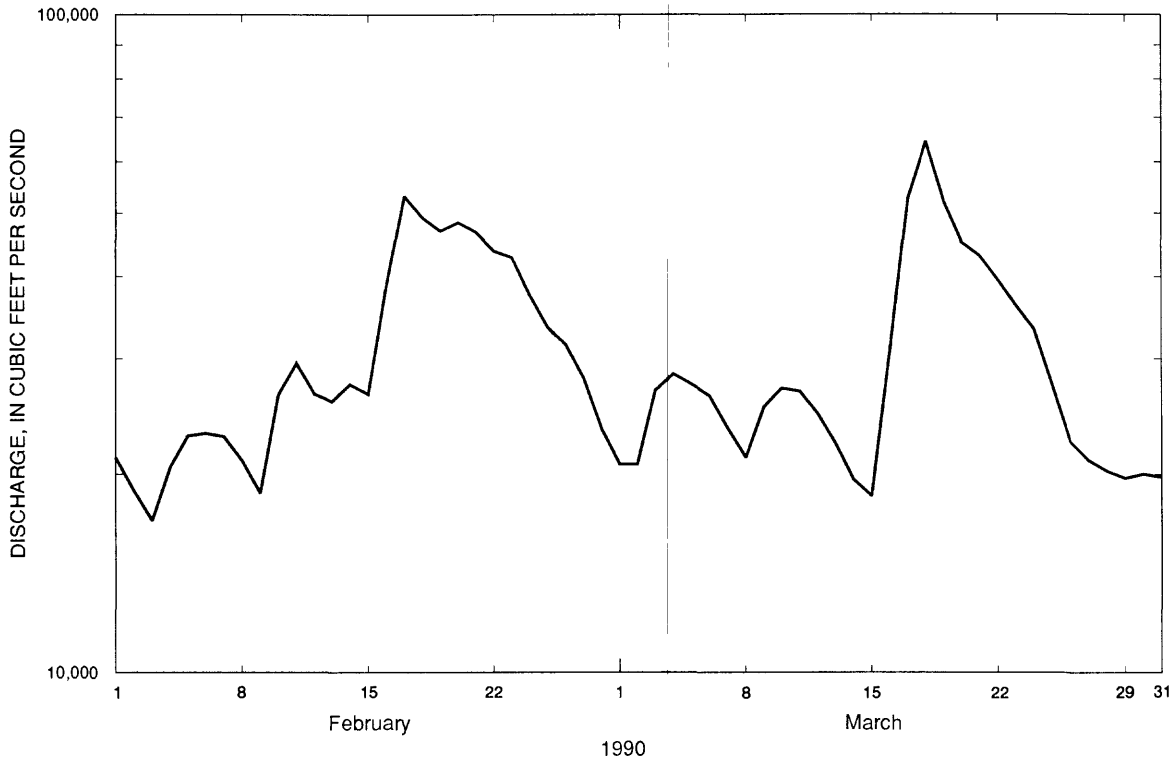

Figure 16.--Daily mean discharge hydrographs for Coosa River near Rome, Ga., February and March 1990.

Additional Information

Additional streamflow data including daily mean discharges, peak discharges, and low-flow information can be obtained by writing to the District Chief, U.S. Geological Survey, Water Resources Division, at the following addresses:

Alabama

520 19th Avenue
Tuscaloosa, Alabama 35401

Florida

227 N. Bronough Street
Suite 3015
Tallahassee, Florida 32301

Georgia

6481-B Peachtree Industrial Blvd.
Doraville, Georgia 30360

SUMMARY

Major storms accompanied by heavy, intense rainfall occurred in parts of the southeastern United States in mid-February and mid-March 1990, causing severe flooding in parts of Alabama, Georgia, and Florida. Rainfall totals and peak discharge information for both storms are presented in this report. Previously recorded maximum flood heights and discharges were exceeded at 74 of 236 stream-gaging stations and miscellaneous sites in the affected area. Peak discharges with recurrence intervals equal to or greater than 100 years occurred at 46 of the sites as a result of the two separate storms. The February 1990 storm produced rainfall totals of 4 to 8 inches over north-central and northeastern Alabama and northwestern and north-central Georgia, and produced floods with recurrence intervals greater than 100 years at several sites, primarily in northwestern Georgia. During the March 1990 storm, rainfall totals in excess of 8 inches occurred within a 2-day period in southern Alabama and west-central Georgia. Numerous sites located primarily within southern Alabama experienced peak discharges with recurrence intervals greater than 100 years. The flooding in March 1990 was the most widespread in the tri-State area since 1979.

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Price, M., 1978, Floods in Georgia, magnitude and frequency: U.S. Geological Survey Water-Resources Investigations Report 78-137, 269 p.

U.S. Water Resources Council, 1981, Guidelines for determining flood flow frequency: U.S. Water Resources Council Bulletin 17B, 28 p.

DEFINITION OF TERMS

Terms related to streamflow characteristics described in this report are defined below:

Cubic feet per second (ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.5 gallons per second.

Discharge is the volume of water that passes a given point within a given period of time.

Drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream upstream from the specified location.

Gage height is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the general term "stage", although gage height is more appropriate when used with a reading on a gage.

Recurrence interval, or frequency, of a flood is the average number of years between which a flood of given magnitude will be equaled or exceeded. It is emphasized that this is an average interval, and does not imply that there cannot be another flood of that magnitude within a shorter time. The reciprocal of recurrence interval is the probability of having a flood of that magnitude, or greater, in any year.

Streamflow gaging station is a particular site on a stream where systematic observations of gage heights and discharges are determined.

Table 1.--Cumulative rainfall for February 15-17, 1990 and March 15-17, 1990, for selected rainfall stations

Station	Latitude	Longitude	Cumulative rainfall, inches	
			Feb. 15-17	March 15-17
		ALABAMA		
Andalusia	31°18'	86°32'	---	16.29
Aliceville	33°14'	88°17'	6.42	---
Ashland	33°17'	85°48'	4.89	---
Atmore	31°10'	87°29'	---	10.04
Auburn	32°36'	85°30'	---	8.56
Autugaville	32°28'	86°41'	1.36	8.22
Bankhead	33°27'	87°21'	5.44	---
Belle Mina	34°42'	86°53'	2.71	---
Bessemer	33°24'	87°00'	3.15	---
Billingsley	32°40'	86°42'	2.89	---
Birmingham	33°28'	86°50'	3.52	4.04
Boaz	34°13'	86°10'	5.35	---
Brewton	31°04'	87°03'	---	13.60
Bridgeport	34°59'	85°49'	4.42	---
Brookwood	33°16'	87°17'	4.20	---
Cahaba	33°27'	96°43'	3.56	---
Carbon Hill	33°54'	87°32'	4.38	---
Centreville	32°54'	87°15'	7.55	---
Childersburg	33°17'	86°20'	---	7.35
Claiborne	31°37'	87°33'	---	9.50
Coffeeville	31°46'	88°08'	---	8.68
Dadeville	32°50'	85°44'	1.44	---
Demopolis	32°31'	87°50'	3.79	---
Elba	31°25'	86°04'	---	10.00
Elrod	33°15'	87°48'	4.75	---
Eufaula	32°00'	85°05'	---	15.27
Evergreen	31°27'	86°56'	---	12.81
Fairhope	30°33'	87°53'	---	9.74
Falkville	34°22'	86°53'	3.99	---
Fort Payne	34°27'	85°43'	7.65	4.55
Gadsden Steam	34°02'	86°00'	5.25	---
Gainesville	32°50'	88°08'	6.40	---
Georgiana	31°40'	86°44'	---	10.37
Gorgas	33°39'	87°12'	4.11	---
Greensboro	32°42'	87°35'	7.48	---
Greenville	31°51'	86°39'	---	8.56
Guntersville	34°20'	86°19'	5.50	---
Hanceville	34°03'	86°46'	6.47	---
Heflin	33°39'	85°36'	3.38	---
Highland Home	31°57'	86°19'	---	12.82
Huntsville	34°39'	86°46'	4.25	3.54

Table 1.--Cumulative rainfall for February 15-17, 1990 and March 15-17, 1990, for selected rainfall stations--continued

Station	Latitude	Longitude	Cumulative rainfall, inches	
			Feb. 15-17	March 15-17
		ALABAMA (continued)		
Jacksonville	33°49'	85°47'	4.44	---
Jasper	33°54'	87°16'	---	4.14
Jones Bluff	32°19'	86°47'	---	9.05
Kinston	31°14'	86°11'	---	11.03
Lay Dam	32°58'	86°31'	---	8.12
Leeds	33°33'	86°33'	5.17	---
Louisville	31°47'	85°33'	---	12.88
Marion	32°42'	87°16'	4.63	---
Milstead	32°27'	85°53'	2.00	10.06
Mobile	30°41'	88°15'	---	11.32
Montgomery	32°18'	86°24'	---	10.96
Moundville	32°59'	87°38'	7.86	---
Oak Mountain	33°24'	86°42'	7.04	---
Oneonta	33°57'	86°29'	5.45	---
Opelika	32°38'	85°23'	---	9.16
Palmerdale	33°46'	86°40'	4.71	---
Pine Apple	31°52'	86°59'	---	9.80
Pinson	33°41'	86°42'	4.81	---
Plantersville	32°37'	86°54'	---	10.82
Reform	33°23'	87°59'	5.46	---
Rockford	32°53'	86°10'	7.89	---
Rock Mills	33°09'	85°18'	4.26	---
Saint Bernard	34°0 '	86°49'	6.75	---
Sand Mountain	34°17'	85°58'	4.83	---
Sayre	33°45'	87°03'	6.62	---
Scottsboro	34°41'	86°03'	4.37	3.22
Selma	32°25'	87°00'	---	11.50
Thorsby	32°53'	86°42'	3.55	---
Troy	31°47'	85°57'	---	12.15
Tuscaloosa	33°14'	87°37'	5.59	---
Union Springs	32°06'	85°43'	---	11.05
Uniontown	32°27'	87°31'	2.75	---
Valley Head	34°34'	85°37'	7.69	---
Vernon	33°48'	88°07'	2.39	---
Wadley	33°07'	85°34'	2.83	8.57
Wallace	31°12'	87°11'	---	11.45
Weiss Dam	34°08'	85°48'	4.82	---
Whatley	31°39'	87°43'	---	8.18
West Blocton	33°07'	87°07'	9.56	---
Winfield	33°55'	87°50'	3.64	---

Table 1.--Cumulative rainfall for February 15-17, 1990 and March 15-17, 1990, for selected rainfall stations--continued

Station	Latitude	Longitude	Cumulative rainfall, inches	
			Feb. 15-17	March 15-17
		FLORIDA		
Chipley	30°47'	85°29'	---	1.91
DeFuniak Springs	30°44'	86°07'	---	3.96
Fountain	30°26'	85°25'	---	2.65
Milton	30°47'	87°08'	---	15.22
Niceville	30°31'	86°30'	---	9.04
Panama City	30°13'	85°36'	---	2.04
Pensacola	30°28'	87°12'	---	7.50
Wewahitchka	30°07'	85°12'	---	1.60
		GEORGIA		
Adairsville	34°21'	84°51'	4.52	5.92
Albany	31°32'	84°08'	---	1.18
Athens	33°57'	83°19'	---	4.93
Atlanta Bitsy Grant	33°49'	84°24'	---	5.70
Atlanta	33°39'	84°26'	---	5.88
Ball Ground	34°20'	84°24'	---	5.81
Blairsville	34°51'	83°60'	4.18	6.47
Blakely	31°21'	84°57'	---	2.92
Buena Vista	32°18'	84°31'	---	8.94
Butler	32°33'	84°14'	---	6.30
Calhoun	34°29'	84°58'	5.29	3.43
Canton	34°14'	84°30'	2.36	6.08
Carrollton	33°36'	85°05'	---	6.36
Carters	34°36'	84°42'	6.22	4.60
Cartersville	34°13'	84°47'	2.24	6.11
Cedartown	34°00'	85°16'	3.27	7.08
Chatsworth	34°46'	84°46'	9.10	7.10
Chickamauga Park	34°54'	85°16'	4.50	4.60
Cleveland	34°36'	83°46'	2.00	5.22
Columbus Ft Benning	32°22'	84°57'	---	9.63
Columbus	32°31'	84°57'	---	8.20
Commerce	34°15'	83°29'	---	4.64
Copperhill	34°59'	84°23'	5.28	---
Cornelia	34°32'	83°37'	---	4.61
Covington	33°36'	83°52'	---	6.07
Cumming	34°12'	84°08'	2.55	5.60
Curryville	34°27'	85°07'	---	6.60
Dahlonega	34°32'	83°59'	2.18	5.87
Dallas	33°59'	84°45'	---	4.96
Dalton	34°47'	84°58'	3.13	6.01
Dawsonville	34°25'	84°07'	---	6.20

Table 1.--Cumulative rainfall for February 15-17, 1990 and March 15-17, 1990, for selected rainfall stations in the study area--continued

Station	Latitude	Longitude	Cumulative rainfall, inches	
			Feb. 15-17	March 15-17
		GEORGIA (continued)		
Eatonton	33°11'	83°14'	---	3.20
Ellijay	34°40'	84°30'	7.78	5.85
Embry	33°52'	84°59'	---	5.98
Epworth	34°57'	84°23'	4.67	---
Fairmount	34°22'	84°47'	4.15	5.58
Franklin	33°16'	85°05'	---	6.80
Gainesville	34°18'	83°51'	2.38	5.18
Godfrey	33°28'	83°27'	---	4.70
Helen	34°42'	83°44'	3.00	6.20
Jackson	33°19'	83°51'	---	4.92
Jasper	34°28'	84°27'	3.90	6.22
Jefferson	34°07'	83°34'	---	5.00
Jonesboro	33°31'	84°21'	---	5.43
Juliette	33°06'	83°47'	---	7.30
Kensington	34°46'	85°22'	7.79	---
Kingston	34°12'	84°58'	3.45	6.46
LaGrange	33°03'	85°01'	---	6.13
Lafayette	34°38'	85°18'	7.85	5.62
Macon	32°42'	83°39'	---	2.60
Maysville	34°15'	83°34'	---	4.63
Menlo	34°29'	85°29'	6.98	---
Morgan Falls	33°58'	84°23'	---	5.35
Newnan	33°26'	84°47'	---	6.46
Norcross	34°00'	84°12'	---	6.76
Nottely	34°58'	84°05'	5.37	4.35
Preston	32°04'	84°32'	---	4.10
Resaca	34°35'	84°56'	6.84	6.74
Ringgold	34°54'	85°04'	5.84	6.91
Rome	34°10'	85°16'	5.53	7.13
Suches	34°41'	84°01'	4.29	---
Summerville	34°28'	85°20'	11.15	5.85
Talbotton	34°42'	84°32'	---	7.35
Talking Rock	34°31'	84°37'	---	5.40
Taylorsville	34°04'	84°57'	2.58	6.04
Thomaston	32°52'	84°19'	---	5.65
Trenton	34°54'	85°28'	7.10	6.16
Waleska	34°18'	84°33'	---	6.15
West Point	32°52'	85°11'	---	6.09
Winder	33°59'	83°43'	---	4.80
Woodbury	32°59'	84°35'	---	6.08
Woodstock	34°07'	84°31'	2.56	6.17

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia

[1 Recurrence interval greater than 100 years. Value shown is ratio of maximum discharge to the 100-year discharge. U, urban; R, regulated]

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		ALTAMAHA RIVER BASIN										
1	02203800	South River at Bouldercrest Road at Atlanta, Ga.	41.5	1951-87, 1990	03/16/76	11.88	9,560	3/17	10.61	7,020	--	U
2	02203900	South River at Flakes Mill Road at Atlanta, Ga.	99.0	1951-90	02/25/61	21.30	12,500	3/17	18.25	9,400	--	U
3	02204070	South River near Lithonia, Ga.	182	1961, 1984-90	02/25/61	--	17,000	3/17	13.03	12,500	--	U
4	02204135	Camp Creek Tributary near Stockbridge, Ga.	.28	1977-90	05/01/78	5.91	72	3/16	6.08	79	<2	--
5	02204285	Pates Creek near Flippen, Ga.	11.9	1978-84, 1990	11/05/77	9.40	816	3/17	8.82	837	<2	--
6	02206500	Yellow River near Snellville, Ga.	134	1943-90	11/29/48	19.40	9,500	3/17	19.67	12,600	--	U
7	02207500	Yellow River near Covington, Ga.	378	1936, 1945-90	04/07/36	29.90	30,000	3/18	19.66	12,200	10	--
8	02208450	Alcovy River above Covington, Ga.	185	1972-90	03/16/76	14.79	6,530	3/18	14.49	7,620	5	--
9	02210500	Ocmulgee River near Jackson, Ga.	1,420	1912, 1920, 1939-60, 1975-82, 1987-90	12/11/19	26.80	69,000	3/18	20.96	46,300	25	--
10	02211300	Towaliga River near Jackson, Ga.	105	1961-83, 1990	03/03/71	17.17	7,470	3/18	19.05	9,300	50	--
11	02212500	Ocmulgee River at Juliette, Ga.	1,960	1886, 1916-21, 1948, 1975-88, 1990	11/29/48	33.10	78,000	3/18	28.55	58,400	25	--
12	02212600	Falling Creek near Juliette, Ga.	72.2	1965-90	03/02/71	23.00	7,700	3/17	22.85	7,570	25	--
13	02213000	Ocmulgee River at Macon, Ga.	2,240	1887, 1893-1990	11/29/48	28.00	83,500	3/18	29.90	64,700	10	--

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		ALTAMAHA RIVER BASIN--Continued										
14	02213050	Walnut Creek near Gray, Ga.	29.0	1962-90	12/26/64	23.80	15,500	3/17	9.21	3,070	5	--
15	02213350	Tobesofkee Creek below Forsyth, Ga.	53.4	1963-87, 1990	07/24/71	10.10	9,160	3/17	5.20	7,000	25	--
16	02213400	Little Tobesofkee Creek near Forsyth, Ga.	16.0	1951-61, 1990	05/01/53	10.67	4,040	3/16	3.59	180	<2	--
17	02213470	Tobesofkee Creek above Macon, Ga.	156	1967-78, 1990	03/02/71	14.09	8,580	3/18	14.78	9,620	25	--
18	02213500	Tobesofkee Creek near Macon, Ga.	182	1929, 1938-90	03/ /29	25.40	12,700	3/18	20.62	7,640	10	--
19	02213700	Ocmulgee River near Warner Robins, Ga.	2,690	1973-90	02/25/79	15.07	--	3/19	15.85	--	--	--
20	02214000	Echeconnee Creek near Macon, Ga.	147	1938-78, 1990	12/26/64	15.84	18,500	3/18	14.24	13,200	25	--
21	02215500	Ocmulgee River at Lumber City, Ga.	5,180	1891, 1909-90	01/21/25	25.70	98,400	3/28	17.98	41,600	5	--
22	02217475	Middle Oconee River near Arcade, Ga.	340	1987-90	10/02/89	22.45	9,530	3/18	25.34	13,800	10	--
23	02217500	Middle Oconee River near Athens, Ga.	398	1902, 1929, 1939-90	02/28/02	25.50	19,600	3/18	20.84	13,700	10	--
24	02218300	Oconee River near Penfield, Ga.	940	1908, 1919, 1936, 1970-90	08/26/08	--	61,000	3/17	23.30	23,500	10	--
25	02219000	Apalachee River near Bostwick, Ga.	176	1945-49, 1978-90	01/06/46	8.90	8,500	3/17	7.54	7,910	5	--
26	02220900	Little River near Eatonton, Ga.	262	1948, 1961, 1971-90	02/09/48	26.80	13,500	3/18	28.78	12,500	10	--

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		ALTAMAHA RIVER BASIN--Continued										
27	02221000	Murder Creek near Monticello, Ga.	24.0	1952-76, 1990	03/03/71	9.64	3,240	3/17	8.21	2,550	10	--
28	02221525	Murder Creek below Eatonton, Ga.	190	1949, 1978-90	11/30/48	14.90	--	3/18	13.13	9,630	10	--
29	02223000	Oconee River at Milledgeville, Ga.	2,950	1886-1990	1886	46.70	140,000	3/18	36.50	70,300	10	--
30	02223500	Oconee River at Dublin, Ga.	4,400	1894-1990	04/12/36	32.97	96,700	3/21	27.14	46,200	5	--
		APALACHICOLA RIVER BASIN										
31	02330450	Chattahoochee River at Helen, Ga.	44.6	1964, 1973, 1981-90	10/04/64	--	10,000	3/17	5.94	3,850	5	--
32	02331000	Chattahoochee River near Leaf, Ga.	150	1940-90	05/28/73	17.50	22,500	3/17	10.36	8,920	2	--
33	02331600	Chattahoochee River near Cornelia, Ga.	315	1958-90	03/12/63	20.55	26,400	3/17	15.07	18,900	5	--
34	02333500	Chestatee River near Dahlonega, Ga.	153	1907-90	08/23/67	25.17	22,700	3/17	16.76	11,600	5	--
35	02334885	Suwanee Creek at Suwanee, Ga.	46.8	1985-90	11/26/86	10.41	2,150	3/17	11.42	3,760	10	--
36	02335700	Big Creek near Alpharetta, Ga.	72.0	1961-90	02/03/82	13.05	6,100	3/17	12.81	5,820	10	--
37	02335870	Sope Creek at Lower Roswell Road near Marietta, Ga.	29.2	1963, 1966-70, 1977, 1982, 1985-90	09/30/89	16.22	6,630	3/16	15.27	5,730	--	U
38	02336000	Chattahoochee River at Atlanta, Ga.	1,450	1886, 1920-90	12/10/19	29.00	64,000	3/17	23.03	25,100	--	R
39	02336300	Peachtree Creek at Northside Drive at Atlanta, Ga.	86.8	1956-90	03/16/76	20.30	8,660	3/17	21.06	9,650	--	U
40	02336490	Chattahoochee River at State Route 280 near Atlanta, Ga.	1,600	1961, 1972-90	02/25/61	--	34,000	3/17	31.51	33,300	--	R

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		APALACHICOLA RIVER BASIN--Continued										
41	02337000	Sweetwater Creek near Austell, Ga.	246	1916, 1937-90	07/08/16	20.00	12,600	3/18	19.30	9,950	25	--
42	02337170	Chattahoochee River near Fairburn, Ga.	2,060	1886, 1919-90	12/10/19	31.60	75,000	3/17	25.74	39,200	--	R
43	02337400	Dog River near Douglasville, Ga.	43.0	1951-77, 1990	02/25/61	16.15	9,910	3/16	14.68	7,220	10	--
44	02337448	Hurricane Creek Tributary near Fairplay, Ga.	0.33	1977-90	11/05/77	9.46	292	3/16	8.37	229	10	--
45	02337500	Snake Creek near Whitesburg, Ga.	37.0	1955-90	02/25/61	14.40	7,690	3/16	12.37	5,250	10	--
46	02338000	Chattahoochee River near Whitesburg, Ga.	2,430	1886, 1920-90	12/10/19	--	95,000	3/18	25.90	48,700	--	--
47	02338660	New River near Corinth, Ga.	127	1979-90	04/14/79	13.92	7,450	3/17	17.17	10,000	25	--
48	02338775	Yellowjacket Creek at State Route 100 at Hogansville, Ga.	42.5	1961, 1967-79, 1990	02/25/61	25.60	9,000	3/17	12.20	2,100	2	--
49	02339225	Wehadkee Creek near Rock Mills, Ala.	60.2	1979-90	02/03/82	14.42	7,390	3/17	16.00	11,000	>100[1](1.2)	--
50	02339500	Chattahoochee River at West Point, Ga.	3,550	1886-1990	12/10/19	29.25	134,000	3/19	18.30	55,800	--	--
51	02340250	Flat Shoal Creek near West Point, Ga.	204	1981-90	04/01/81	19.83	6,270	3/17	22.16	7,670	5	--
52	02340260	Big Branch near West Point, Ga.	4.30	1960-65, 1990	04/27/64	11.75	1,560	3/16	5.96	410	2	--
53	02340500	Mountain Oak Creek near Hamilton, Ga.	61.7	1944-73, 1990	07/11/48	16.60	11,800	3/17	6.06	4,750	10	--
54	02341220	Mulberry Creek near Mulberry Grove, Ga.	190	1983-90	06/21/89	19.27	5,510	3/17	27.74	20,600	>100[1](1.2)	--

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		APALACHICOLA RIVER BASIN--Continued										
55	02341500	Chattahoochee River at Columbus, Ga.	4,670	1841, 1886, 1919-90	03/15/29	53.20	198,000	3/17	41.14	98,800	--	R
56	02341600	Juniper Creek near Geneva, Ga.	47.4	1963-90	03/03/66	9.19	2,010	3/17	11.78	4,300	>100[1](2.0)	--
57	02341723	Pine Knot Creek near Juniper, Ga.	31.3	1979-90	02/11/81	7.46	669	3/17	9.41	6,000	100	--
58	02341800	Upatoi Creek near Columbus, Ga.	342	1969-90	04/01/81	21.06	17,300	3/17	32.12	46,300	>100[1](3.1)	--
59	02341900	Ochillee Creek near Cusseta, Ga.	53.3	1979-90	04/01/81	11.88	2,180	3/17	16.00	11,000	>100[1](1.3)	--
60	02342500	Uchee Creek near Fort Mitchell, Ala.	322	1947-90	04/09/64	26.45	55,100	3/17	23.18	24,900	25	--
61	02342933	South Fork Cowikee Creek near Batesville, Ala.	112	1964-90	02/17/75	37.08	18,100	3/17	43.40	28,200	>100[1](1.7)	--
62	02343200	Pataula Creek near Lumpkin, Ga.	70.0	1949-78, 1990	11/27/48	--	12,500	3/18	8.76	7,200	>100[1](1.1)	--
63	02343219	Bluff Springs Branch near Lumpkin, Ga.	2.98	1977-90	07/03/78	4.27	489	3/18	4.68	565	25	--
64	02343225	Pataula Creek near Georgetown, Ga.	295	1949-79, 1990	11/27/48	--	30,000	3/18	7.43	7,540	10	--
65	02343275	Abbie Creek near Abbeville, Ala.	48.7	1951-74, 1990	05/04/53	10.31	13,000	3/17	9.10	7,100	25	--
66	02343300	Abbie Creek near Haleburg, Ala.	146	1958-90	03/31/70	23.84	7,590	3/18	19.72	5,730	10	--
67	02343801	Chattahoochee River at Andrews L&D near Columbia, Ala.	8,210	1975-90	01/27/78	118.12	131,000	3/19	123.29	195,000	--	R
68	02344350	Flint River near Lovejoy, Ga.	130	1986-90	10/01/89	16.26	6,350	3/17	17.76	8,090	10	--
69	02344500	Flint River near Griffin, Ga.	272	1929, 1937-90	03/14/29	17.90	15,300	3/17	16.20	11,500	10	--

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		APALACHICOLA RIVER BASIN--Continued										
70	02344700	Line Creek near Senoia, Ga.	101	1965-90	11/05/77	14.88	9,580	3/17	13.84	7,300	25	--
71	02346180	Flint River near Thomaston, Ga.	1,220	1900-90	03/15/29	--	62,000	3/17	17.35	29,200	5	--
72	02346193	Scott Creek near Talbotton, Ga.	3.36	1969-87, 1990	04/01/81	8.07	1,960	3/16	8.01	1,880	25	--
73	02346195	Lazer Creek near Talbotton, Ga.	81.3	1981-90	03/13/86	15.50	3,750	3/17	24.10	35,400	>100[1](3.3)	--
74	02346210	Kimborough Creek near Talbotton, Ga.	6.62	1969-87, 1990	04/01/81	6.66	2,000	3/16	8.55	3,050	100	--
75	02346217	Coleoatchee Creek near Manchester, Ga.	2.82	1969-90	08/21/71	4.93	1,020	3/16	8.31	1,750	>100[1](1.1)	--
76	02346500	Potato Creek near Thomaston, Ga.	186	1938-73, 1990	03/03/71	8.81	10,600	3/18	9.19	12,300	50	--
77	02347500	Flint River near Culloden, Ga.	1,850	1913-31, 1937-90	03/15/29	38.40	92,000	3/17	38.00	80,000	50	--
78	02348485	Whitewater Creek near Butler, Ga.	17.3	1979-90	04/01/81	8.74	248	3/17	8.73	245	<2	--
79	02349030	Cedar Creek near Rupert, Ga.	41.1	1979-90	02/24/79	4.72	580	3/17	4.00	400	<2	--
80	02349330	Buck Creek Tributary near Tazewell, Ga.	.40	1977-90	03/06/83	3.90	84	3/16	2.50	32	2	--
81	02349350	Buck Creek near Ellaville, Ga.	146	1979-90	03/06/83	8.52	2,050	3/17	9.67	3,730	25	--
82	02349500	Flint River at Montezuma, Ga.	2,900	1897, 1905-90	03/17/29	27.40	92,300	3/20	26.05	64,900	25	--
83	02349900	Turkey Creek at Byromville, Ga.	45.0	1951-90	04/01/81	13.82	4,820	3/18	8.99	276	<2	--
84	02350600	Kinchafoonee Creek at Preston, Ga.	197	1943, 1948-90	01/19/43	11.40	11,000	3/17	12.16	14,500	>100[1](1.3)	--

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		APALACHICOLA RIVER BASIN--Continued										
85	02350900	Kinchafoonee Creek near Dawson, Dawson, Ga.	527	1943, 1948-90	01/20/43	23.00	15,000	3/20	20.44	11,400	50	--
86	02352500	Flint River at Albany, Ga.	5,310	1893-1990	01/21/25	37.80	92,000	3/22	30.93	58,700	10	--
87	02353000	Flint River at Newton, Ga.	5,740	1925, 1929, 1938-90	01/21/25	41.30	94,000	3/25	28.81	47,700	5	--
88	02353100	Ichawaynochaway Creek near Graves, Ga.	118	1963-88, 1990	03/31/70	10.05	3,960	3/20	7.62	1,080	<2	--
89	02353400	Pachitla Creek near Edison, Ga.	188	1916, 1948-78, 1990	07/10/16	11.90	11,800	3/18	6.81	1,580	<2	--
90	02353500	Ichawaynochaway Creek at Milford, Ga.	620	1906-07, 1916, 1925, 1940-90	07/02/16	17.20	15,500	3/20	5.56	2,730	<2	--
91	02356000	Flint River at Bainbridge, Ga.	7,570	1897-1990	01/24/25	40.90	101,000	3/25	26.80	43,900	5	--
92	02357000	Spring Creek near Iron City, Ga.	485	1938-78, 1983-90	04/12/75	19.43	17,700	3/21	11.85	2,140	<2	--
93	02358000	Apalachicola River at Chattahoochee, Fla.	17,200	1928-90	03/20/29	79.55	293,000	3/21	74.04	181,000	10	--
		CHOCTAWHATCHEE RIVER BASIN										
94	02360000	West Fork Choctawhatchee River at Blue Springs, Ala.	86.8	1944-71, 1990	09/26/56	11.50	9,800	3/17	17.32	25,000	>100[1](2.6)	--
95	02360275	Judy Creek near Ozark, Ala.	102	1951-77, 1990	04/07/57	19.70	13,500	3/17	22.29	25,000	>100[1](1.3)	--
96	02360500	East Fork Choctawhatchee River near Midland City, Ala.	291	1953-63, 1966-70, 1990	05/04/53	23.82	15,700	3/17	28.18	35,000	>100[1](1.7)	--

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		CHOCTAWHATCHEE RIVER BASIN--Continued										
97	02361000	Choctawhatchee River at Newton, Ala.	686	1922-27, 1935-90	01/20/36	31.26	25,800	3/18	40.30	87,500	>100[1](2.1)	--
98	02362240	Little Double Bridges Creek near Enterprise, Ala.	21.4	1986-90	03/13/86	8.21	827	3/17	13.90	7,950	>100[1](1.3)	--
99	02362610	Pea River near Midway, Ala.	18.7	1973-82, 1990	02/17/75	14.75	5,350	3/17	12.60	3,100	10	--
100	02362640	Pea River near Perote, Ala.	96.8	1990	--	--	--	3/17	--	18,200	>100[1](1.2)	--
101	02362780	Buckhorn Creek near Shiloh, Ala.	39.8	1990	--	--	--	3/17	--	8,780	100	--
102	02363000	Pea River near Ariton, Ala.	498	1939-90	02/18/75	24.38	47,600	3/17	24.87	47,700	>100[1](1.2)	--
103	02363260	Whitewater Creek near Tarentum, Ala.	105	1990	--	--	--	3/17	--	23,600	>100[1](1.5)	--
104	02363330	Big Creek near Spring Hill, Ala.	26.8	1990	--	--	--	3/17	--	8,880	>100[1](1.3)	--
105	02364570	Panther Creek near Hacoda, Ala.	26.2	1975-90	04/10/75	15.32	3,590	3/17	17.66	11,500	>100[1](1.7)	--
106	02365500	Choctawhatchee River at Caryville, Fla.	3,499	1929-90	03/17/29	27.10	206,000	3/21	21.16	128,000	100	--
107	02366500	Choctawhatchee River near Bruce, Fla.	4,384	1931-82, 1985-90	03/ /29	25.0	220,000	3/23	22.88	99,000	50	--
		YELLOW RIVER BASIN										
108	02367400	Yellow River near Sanford, Ala.	28.2	1980-81, 1990	02/12/81	10.76	710	3/17	--	16,100	>100[1](2.0)	--
109	02367500	Lightwood Knot Creek near Babbie, Ala.	114	1944-72, 1975, 1990	04/13/75	14.70	21,600	3/17	15.73	26,000	>100[1](1.3)	--
110	02368000	Yellow River at Milligan, Fla.	624	1938-90	04/12/75	17.71	38,600	3/18	19.00	51,500	>100[1](1.1)	--
111	02369000	Shoal River near Crestview, Fla.	474	1938-90	08/01/75	15.58	25,200	3/18	13.74	19,000	10	--

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		BLACKWATER RIVER BASIN										
112	02369800	Blackwater River near Bradley, Ala.	87.7	1968-90	06/04/70	24.20	19,500	3/16	25.35	24,000	>100[1](1.4)	--
113	02370000	Blackwater River near Baker, Fla.	205	1950-90	06/04/70	25.61	26,200	3/17	24.99	24,400	50	--
114	02370500	Big Coldwater Creek near Milton, Fla.	237	1938-78, 1981-90	06/04/70	21.41	32,000	3/17	22.98	36,900	100	--
		ESCAMBIA RIVER BASIN										
115	02371000	Conecuh River near Troy, Ala.	257	1944-68, 1990	11/28/48	16.10	18,000	3/17	19.41	33,000	>100[1](1.1)	--
116	02371200	Indian Creek near Troy, Ala.	8.87	1959-86, 1990	02/17/75	7.75	3,950	3/17	7.19	2,320	25	--
117	02371500	Conecuh River at Brantley, Ala.	500	1938-90	02/19/75	24.51	19,800	3/18	24.44	25,700	>100[1](1.0)	--
118	02372000	Patsaliga Creek at Luvurne, Ala.	254	1944-70	06/04/70	17.45	20,800	3/17	20.29	40,000	>100[1](1.6)	--
119	02372250	Patsaliga Creek near Brantley, Ala.	442	1975-90	01/27/78	22.21	15,400	3/17	25.67	43,600	>100[1](1.2)	--
120	02372800	Stallings Creek near Greenville, Ala.	37.8	1973-82, 1990	03/31/73	11.16	5,240	3/17	11.46	5,700	25	--
121	02373000	Sepulga River near McKenzie, Ala.	470	1938-70, 1975-90	03/17/38	24.70	28,100	3/18	26.28	29,100	25	--
122	02374500	Murder Creek near Evergreen, Ala.	176	1938-90	02/25/61	16.13	22,000	3/16	16.59	20,600	25	--
123	02375500	Escambia River near Century, Fla.	3,817	1934-90	04/12/75	23.32	92,300	3/18	24.24	102,000	25	--
124	02376000	Pine Barren Creek near Barth, Fla.	75.3	1952-90	04/14/55	18.00	24,800	3/16	17.25	19,100	25	--

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
				BAYOU MARCUS CREEK BASIN								
125	02376100	Bayou Marcus Creek near Pensacola, Fla.	10.8	1958-60, 1987-90	06/08/89 09/15/59	4.79 5.30	377 --	3/16	5.51	701	--	U
				ELEVENMILE CREEK BASIN								
126	02376115	Elevenmile Creek at Pensacola, Fla.	27.8	1987-90	06/08/89	14.57	6,310	3/16	14.45	6,120	--	U
127	02376140	Eightmile Creek at Pensacola, Fla.	11.2	1988-90	06/08/89	8.22	1,850	3/16	7.13	951	--	U
				PERDIDO RIVER BASIN								
128	02376300	Brushy Creek near Walnut Hill, Fla.	49.0	1958-90	03/31/62	14.96	9,680	3/17	13.20	5,580	10	--
129	02376500	Perdido River at Barrineau Park, Fla.	349	1941-90	04/15/55	23.94	39,000	3/17	21.37	26,300	50	--
				FISH RIVER BASIN								
130	02378500	Fish River near Silverhill, Ala.	55.3	1954-69, 1971, 1987-90	06/09/89	19.28	14,300	3/16	16.77	8,110	25	--
				MOBILE RIVER BASIN								
131	02379500	Cartecay River near Ellijay, Ga.	134	1938-86, 1990	04/08/38	13.00	20,000	2/16	8.33	7,500	5	--
132	02380000	Ellijay River at Ellijay, Ga.	87.7	1919-21, 1954-72, 1990	10/04/64	17.90	15,300	2/16	17.22	12,000	50	--
133	02380500	Coosawattee River near Ellijay, Ga.	236	1938-51, 1954-90	04/08/38	--	25,000	2/16 3/17	16.74 10.66	15,200 8,650	10 2	-- --
134	02381100	Mountaintown Creek Tributary near Ellijay, Ga.	2.41	1965-79, 1990	05/27/73	7.20	822	2/16	5.53	485	5	--
135	02381300	Fir Creek near Ellijay, Ga.	1.35	1966-87, 1990	03/04/66	4.80	280	2/16	5.20	320	10	--

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		MOBILE RIVER BASIN--Continued										
136	02381900	Ball Creek near Talking Rock, Ga.	3.50	1965-77, 1990	03/04/79	--	1,400	2/16	6.24	1,000	10	--
137	02381950	Scarecorn Creek above Hinton, Ga.	6.40	1986-90	09/03/86	2.83	241	2/16	3.28	333	--	R
								3/17	2.79	216	--	R
138	02382000	Scarecorn Creek at Hinton, Ga.	21.3	1940-79, 1987-90	02/16/42	11.20	2,500	2/16	7.92	2,300	25	--
								3/16	7.27	2,090	10	
139	02382200	Talking Rock Creek near Hinton, Ga.	119	1964-90	05/28/73	15.45	18,400	2/16	12.02	11,200	25	--
								3/16	9.75	7,500	5	--
140	02382500	Coosawattee River at Carters, Ga.	521	1897-1990	03/30/51	36.00	57,000	2/16	18.94	8,370	--	R
								3/17	13.61	5,560	--	R
141	02382600	Sugar Creek near Chatsworth, Ga.	7.30	1965-79, 1990	03/04/79	--	1,300	2/16	8.63	1,100	5	--
142	02382800	Dry Creek near Oakman, Ga.	3.06	1965-79, 1990	04/04/77	8.45	1,410	2/16	5.73	1,020	50	--
143	02382900	Pine Log Creek near Rydal, Ga.	12.8	1964-79, 1990	03/23/64	10.00	3,800	2/16	6.85	1,510	10	--
144	02383000	Rock Creek near Fairmount, Ga.	6.17	1952-79, 1990	04/04/77	8.25	1,400	2/16	5.38	550	2	--
145	02383200	Redbud Creek near Ranger, Ga.	1.97	1964-79, 1990	04/04/77	6.20	1,210	2/16	3.74	370	2	--
146	02383220	Redbud Creek Tributary near Ranger, Ga.	.56	1965-79, 1990	04/04/77	--	500	2/16	3.37	165	5	--
147	02383500	Coosawattee River near Pine Chapel, Ga.	831	1938-90	03/30/51	34.20	40,200	2/17	29.55	20,600	--	R
								3/17	29.20	18,500	--	R

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		MOBILE RIVER BASIN--Continued										
148	02384000	Conasauga River near Tennga, Ga.	108	1930-31, 1938-76, 1990	04/28/58	18.20	19,400	2/16	15.88	11,100	5	--
149	02384500	Conasauga River near Eton, Ga.	252	1951-58, 1963-90	03/17/73	18.59	25,200	2/16	20.50	33,200	100	--
								3/17	16.68	16,500	5	--
150	02384540	Mill Creek near Crandall, Ga.	8.27	1985-90	09/30/89	4.95	894	2/16	6.96	2,240	50	--
								3/17	4.68	760	2	--
151	02384600	Pinhook Creek near Eton, Ga.	4.28	1964-90	08/22/67	7.30	960	2/16	6.87	771	5	--
								3/16	5.38	359	<2	--
152	02385700	Rock Creek near Chatsworth, Ga.	3.46	1965-79, 1990	03/04/79	5.63	750	2/16	9.42	2,300	>100[1](2.5)	--
153	02385800	Holly Creek near Chatsworth, Ga.	64.0	1961-90	03/04/79	12.54	9,110	2/16	14.87	20,600	>100[1](2.1)	--
								3/16	10.37	4,940	5	--
154	02387000	Conasauga River at Tilton, Ga.	687	1886, 1938-90	04/01/1886	34.00	40,000	2/17	29.89	36,800	50	--
								3/18	26.96	23,900	10	--
155	02387100	Polecat Creek near Spring Place, Ga.	1.22	1964-79, 1990	03/04/66	7.75	828	2/16	5.54	475	10	--
156	02387300	Dead Mans Branch near Resaca, Ga.	.17	1965-87, 1990	03/03/66	6.50	184	2/16	4.65	105	5	--
157	02387500	Oostanaula River at Resaca, Ga.	1,602	1886, 1892-1990	04/01/1886	36.60	68,600	2/18	32.59	45,500	--	R
158	02388000	West Armuchee Creek near Subligna, Ga.	36.4	1951-81, 1990	03/29/51	12.10	12,400	2/16	14.01	22,000	>100[1](2.1)	--
159	02388200	Storey Mill Creek near Summerville, Ga.	6.02	1966-87, 1990	03/04/79	9.58	1,730	2/16	10.41	1,980	>100[1](1.1)	--

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

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					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		MOBILE RIVER BASIN--Continued										
160	02388320	Heath Creek below Rocky Mtn Damsite near Armuchee, Ga.	16.6	1982-90	01/03/82	8.26	980	2/16 3/16	8.29 7.44	938 770	<2 <2	-- --
161	02388500	Oostanaula River at Rome, Ga.	2,115	1886, 1892-1990	04/01/1886	--	70,000	2/20	35.70	42,600	--	R
162	02392000	Etowah River at Canton, Ga.	613	1892-1990	01/07/46	26.70	32,300	3/17	25.33	27,100	25	--
163	02394400	Pumpkinvine Creek below Dallas, Ga.	42.8	1951-77, 1990	02/23/61	20.28	6,800	3/17	14.42	2,300	2	--
164	02394820	Euharlee Creek at Rockmart, Ga.	42.1	1961, 1979-90	03/04/79	15.00	7,000	3/16	10.43	3,090	5	--
165	02394950	Hills Creek near Taylorsville, Ga.	25.0	1960-74, 1990	03/12/63	10.80	3,900	3/16	9.46	1,510	2	--
166	02395000	Etowah River near Kingston, Ga.	1,634	1920-90	12/11/19	31.00	52,000	2/16 3/17	13.73 21.26	13,600 26,600	-- --	R R
167	02395120	Two Run Creek near Kingston, Ga.	33.1	1981-90	02/03/82	7.91	3,180	2/16 3/16	7.57 7.74	2,720 2,940	5 5	-- --
168	02396000	Etowah River at Rome, Ga.	1,819	1897-1990	12/11/19	--	55,000	2/17	32.96	20,700	--	R
169	02397000	Coosa River near Rome, Ga.	4,040	1886, 1897-1990	04/01/1886	43.00	100,000	2/17 3/18	34.38 35.97	58,800 66,600	-- --	R R
170	02397410	Cedar Creek at Georgia Avenue at Cedartown, Ga.	66.9	1949, 1958, 1974-90	03/04/79	21.10	16,500	3/16	18.36	7,910	25	--
171	02397750	Duck Creek above LaFayette, Ga.	6.34	1965-77, 1990	03/16/73	10.45	1,880	2/16	10.86	2,040	>100[1](1.2)	--
172	02397830	Harrisburg Creek near Hawkins, Ga.	13.3	1980-90	01/20/88	11.20	4,260	2/16 3/17	12.00 8.34	5,530 1,370	>100[1](1.6) 5	-- --

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

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					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		MOBILE RIVER BASIN--Continued										
173	02398000	Chattooga River at Summerville, Ga.	193	1938-90	03/29/51	21.00	24,500	2/16	22.63	30,100	100	--
								3/17	18.25	13,300	5	--
174	02398300	Chattooga River near Gaylesville, Ala.	366	1960-67, 1970-90	01/04/82	22.23	17,000	2/17	24.25	23,300	25	--
								3/17	21.43	14,600	5	--
175	02399200	Little River near Blue Pond, Ala.	199	1948, 1959-90	07/24/85	16.98	53,800	2/16	15.22	40,700	>100[1](1.1)	--
								3/16	10.58	15,700	2	--
176	02400100	Terrapin Creek at Ellisville, Ala.	252	1963-90	03/04/79	19.82	20,100	2/16	16.93	10,700	5	--
								3/16	18.63	15,600	10	--
177	02400500	Coosa River at Gadsden, Ala.	5,805	1886-1990	04/06/1886	37.9	115,000	2/17	28.08	61,500	--	R
								3/18	26.76	58,900	--	R
178	02401000	Big Wills Creek near Reece City, Ala.	182	1944-79, 1987-90	03/29/51	14.5	14,800	2/17	15.07	15,800	50	--
								3/17	11.76	6,520	2	--
179	02401370	Big Canoe Creek near Springfield, Ala.	45.0	1979-90	12/01/82	12.79	4,870	2/16	12.19	4,130	5	--
								3/16	10.70	2,650	2	--
180	02401390	Big Canoe Creek at Ashville, Ala.	141	1966-90	04/13/79	18.75	13,600	2/16	16.71	8,380	5	--
								3/17	15.76	6,500	2	--
181	02401470	Little Canoe Creek near Steele, Ala.	22.3	1983-90	05/18/83	8.19	2,090	2/16	8.20	3,310	10	--
								3/16	7.00	1,380	<2	--
182	02404400	Choccolocco Creek at Jackson Shoals, near Lincoln, Ala.	481	1961-71, 1975-90	04/30/63	39.98	36,900	2/16	31.67	16,500	5	--
								3/17	36.67	27,400	25	--
183	02405500	Kelly Creek near Vincent, Ala.	193	1952-70, 1979, 1987-90	04/13/79	27.39	33,400	2/16	25.31	18,700	10	--
								3/17	21.17	10,000	5	--
184	02407000	Coosa River at Childersburg, Ala.	8,392	1914-90	02/23/61	30.41	140,000	2/19	23.96	108,000	--	R
					04/14/79	28.99	150,000	3/17	24.62	110,000	--	R

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		MOBILE RIVER BASIN--Continued										
185	02408540	Hatchet Creek below Rockford, Ala.	263	1981-90	02/03/82	25.65	23,500	2/16 3/16	27.10 26.52	26,200 25,000	10 10	-- --
186	02411735	McClendon Creek Tributary near Dallas, Ga.	.88	1977-90	05/27/81	8.23	860	3/16	3.41	212	5	--
187	02411800	Little River near Buchanan, Ga.	20.2	1960-81, 1990	03/04/66	12.58	3,820	3/16	6.81	1,400	<2	--
188	02411900	Tallapoosa River at Tallapoosa, Ga.	236	1949, 1951-77, 1990	11/29/48	27.40	20,000	3/17	22.72	8,200	5	--
189	02411902	Mann Creek Tributary near Tallapoosa, Ga.	.12	1977-90	04/13/79	5.51	107	3/16	3.32	42	5	--
190	02412000	Tallapoosa River near Heflin, Ala.	448	1953-90	03/31/77	31.34	32,500	2/18 3/18	20.53 28.33	8,940 24,000	2 50	-- --
191	02413200	Little Tallapoosa River near Bowden, Ga.	220	1948-77, 1990	01/29/48	22.50	9,500	3/17	20.30	7,300	10	--
192	02413300	Little Tallapoosa River near Newell, Ala.	406	1976-90	03/16/76	18.18	14,100	2/16 3/17	15.73 17.85	9,360 13,000	2 5	-- --
193	02414500	Tallapoosa River at Wadley, Ala.	1,675	1924-90	04/14/79	30.57	89,100	2/16 3/17	16.40 26.72	28,700 67,600	-- --	R R
194	02414715	Tallapoosa River near New Site, Ala.	2,058	1986-90	09/17/88	12.83	41,300	2/16 3/17	11.68 19.15	33,000 91,400	-- --	R R
195	02415000	Hillabee Creek near Hackneyville, Ala.	190	1953-73, 1979, 1986-90	04/13/79	28.10	26,400	2/16 3/16	23.72 25.59	14,300 17,700	10 25	-- --
196	02419000	Uphapee Creek near Tuskegee, Ala.	333	1940-90	04/09/64	28.18	32,200	3/17	26.87	28,400	10	--
197	02420000	Alabama River near Montgomery, Ala.	15,087	1886, 1888, 1928-90	04/01/ 1886	62.70	322,000	3/19	56.50	280,000	--	R

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		MOBILE RIVER BASIN--Continued										
198	02420500	Autauga Creek at Prattville, Ala.	116	1938-70, 1979, 1990	08/17/39	--	21,800	3/16	9.30	7,400	25	--
199	02421000	Catoma Creek near Montgomery, Ala.	290	1949, 1953-90	02/25/61	28.65	48,600	2/20 3/17	20.95 29.78	7,540 49,100	<2 50	-- --
200	02421300	Ivy Creek at Mulberry, Ala.	10.7	1961-72, 1990	04/06/64	15.80	2,440	3/16	10.19	1,530	5	--
201	02422000	Big Swamp Creek near Lowndesboro, Ala.	244	1938, 1941-73, 1990	11/27/48	21.30	37,000	3/17	19.07	20,300	10	--
202	02422500	Mulberry Creek at Jones, Ala.	203	1938-90	04/ /38	33.60	48,000	2/16 3/16	19.12 23.26	13,500 19,600	10 25	-- --
203	02423000	Alabama River at Selma, Ala.	17,095	1886, 1891-1972, 1979, 1990	03/01/61	57.97	284,000	2/21 3/21	51.30 56.80	180,000 245,000	-- --	R R
204	02423500	Cahaba River near Acton, Ala.	230	1939-57, 1961, 1979, 1984-90	12/28/42 12/29/42	-- 44.25	25,500 --	2/16 3/17	33.11 28.66	13,200 10,700	2 2	-- --
205	02424000	Cahaba River at Centreville, Ala.	1,027	1902-07, 1916-90	04/08/38 03/29/51	36.63 34.80	82,800 83,600	2/16 3/17	33.88 28.12	65,900 32,200	10 2	-- --
206	02424590	Cahaba River near Suttle, Ala.	1,480	1949-90	02/25/61	44.0	--	2/18 3/19	41.09 36.19	67,900 28,100	10 2	-- --
207	02425000	Cahaba River near Marion Junction, Ala.	1,766	1939-54, 1961, 1969-90	02/24/61	43.8	--	2/18 3/19	41.21 36.60	76,000 34,000	25 2	-- --
208	02425655	Mush Creek near Selma, Ala.	44.4	1951-71, 1990	04/11/55	20.1	22,100	3/16	17.76	15,000	10	--
209	02427700	Turkey Creek at Kimbrough, Ala.	97.5	1959-90	12/10/61	25.02	39,600	3/16	22.61	14,600	10	--
210	02448500	Noxubee River near Geiger, Ala.	1,097	1945-90	04/14/79	48.58	156,000	2/18 3/17	39.08 34.68	23,300 12,100	5 2	-- --

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		MOBILE RIVER BASIN--Continued										
211	02449245	Brush Creek near Eutaw, Ala.	43.2	1971-90	04/13/79	22.68	8,560	2/16	23.54	7,950	25	--
212	02450000	Mulberry Fork near Garden City, Ala.	365	1929-90	02/04/36 01/13/82	24.00 22.45	46,600 52,100	2/16	25.04	66,500	>100[1](1.3)	--
213	02450180	Mulberry Fork near Arkadelphia, Ala.	487	1977-86, 1989-90	04/14/79	39.11	31,300	2/16	42.90	51,700	50	--
214	02453000	Blackwater Creek near Manchester, Ala.	181	1939-71, 1979-82, 1989-90	02/23/61	13.10	10,600	2/16	10.66	7,040	2	--
215	02455000	Locust Fork near Cleveland, Ala.	303	1937-90	12/28/42	19.20	47,000	2/16 3/16	16.46 11.09	24,400 10,700	10 <2	-- --
216	02456500	Locust Fork at Sayre, Ala.	885	1929-31, 1942-90	01/07/49 02/23/61	47.90 48.60	55,300 54,700	2/17 3/17	41.79 31.29	42,400 26,000	10 2	-- --
217	02465000	Black Warrior River at Northport, Ala.	4,820	1889-1990	04/18/1900 04/13/79	67.70 66.85	215,000 272,000	2/16	61.53	190,000	10	--
218	02465493	Elliotts Creek at Moundville, Ala.	32.3	1977-90	04/13/79	7.40	2,600	2/16	8.80	6,200	25	--
219	02467500	Sucarnoochee River at Livingston, Ala.	607	1939-90	04/14/79	33.47	62,200	2/17 3/18	27.53 23.16	23,000 9,450	10 2	-- --
220	02468500	Chickasaw Bogue near Linden, Ala.	257	1944-46, 1966-90	03/26/45 03/04/79	30.33 30.18	33,000 38,700	2/16 3/16	21.77 27.28	10,900 23,900	<2 10	-- --
221	02469800	Satilpa Creek near Coffeeville, Ala.	164	1956-90	07/08/56	18.37	25,600	3/16	16.53	15,800	10	--
222	02471001	Chickasaw Creek near Kushla, Ala.	125	1952-90	04/13/55	25.4	42,000	3/16	20.29	15,300	10	--
		PASCAGOULA RIVER BASIN										
223	02479431	Pond Creek near Deer Park, Ala.	20.4	1977-90	04/07/83	21.00	3,780	3/16	11.23	1,200	2	--
224	02479560	Escatawpa River near Agricola, Miss.	562	1974-90	04/09/83	22.39	33,700	3/17	18.17	14,300	5	--

Table 2.--Summary of peak gage heights and discharges for floods of February and March 1990 in Alabama, Florida, and Georgia--Continued

Map number	Station number	Station name and location	Drainage area (square miles)	Period of known floods	Maximum previous flood			Flood of February or March 1990			Recurrence interval (years)	Remarks
					Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)		
		TENNESSEE RIVER BASIN										
225	03544947	Brier Creek near Hiawassee, Ga.	1.67	1984-90	11/26/86	3.19	185	2/16	3.57	370	5	--
								3/17	3.64	416	10	--
226	03545000	Hiawassee River at Presley, Ga.	45.5	1942-90	03/11/52	15.24	5,700	2/16	9.78	2,100	2	--
227	03550500	Nottley River near Blairsville, Ga.	74.8	1943-90	08/23/67	21.04	12,900	2/16	11.84	4,600	5	--
228	03558000	Toccoa River near Dial, Ga.	177	1906-90	11/19/06	18.50	28,000	2/16	10.13	8,790	10	--
								3/17	10.13	8,790	10	--
229	03560000	Fightingtown Creek at McCaysville, Ga.	70.9	1943-73, 1990	03/29/51	11.92	5,420	2/16	17.30	12,200	>100[1](1.6)	--
230	03566660	Sugar Creek near Ringgold, Ga.	4.44	1965-74, 1990	03/16/73	7.77	2,620	2/16	5.14	605	2	--
231	03566687	Little Chickamauga Creek Tributary near Ringgold, Ga.	3.36	1965-74, 1990	03/16/73	9.13	1,970	2/16	4.96	886	25	--
232	03566700	South Chickamauga Creek at Ringgold, Ga.	169	1949-73, 1990	03/17/73	27.39	33,400	2/16	22.80	19,500	25	--
233	03567200	West Chickamauga Creek near Kensington, Ga.	73.0	1950-76, 1990	03/29/51	18.50	12,000	2/16	19.34	14,000	>100[1](1.2)	--
234	03568933	Lookout Creek near New England, Ga.	149	1980-90	08/17/82	20.73	20,000	2/16	18.76	14,300	25	--
235	03572110	Crow Creek at Bass, Ala.	131	1975-90	03/21/80	17.17	12,600	2/16	15.25	6,760	2	--
236	03574500	Paint Rock River near Woodville, Ala.	320	1936-90	03/16/73	24.40	74,200	2/16	19.89	19,700	2	--
								3/17	17.88	9,000	<2	--

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