

Figure 1.--Map of the conterminous United States showing areas covered by 18 of the 20 volumes on surface water supply. The area covered by this report is shaded.

Streamflow data for the years 1864-1901, in reports of the Geological Survey--Continued

(A = Annual Report; B = Bulletin)

Report	Character of data	Year
16th A, pt. 2	Descriptive information only.	
B 140.....	Descriptions, measurements, gage heights, ratings, and monthly discharge.	1895.
WSP 11.....	Gage heights.....	1896.
16th A, pt. 4	Descriptions, measurements, ratings, and monthly discharge.	1895-96.
WSP 15.....	Descriptions, measurements, and gage heights of streams east of the Mississippi River, and Missouri River and tributaries above Kansas River.	1897.
WSP 16.....	Descriptions, measurements, and gage heights of streams west of the Mississippi River, except Missouri River and tributaries above Kansas River.	1897.
19th A, pt. 4	Descriptions, measurements, ratings, and monthly discharge.	1897.
WSP 27.....	Measurements, ratings, and gage heights of streams east of the Mississippi River, and Missouri River and tributaries.	1898.
WSP 28.....	Measurements, ratings, and gage heights of streams west of the Mississippi River, except Missouri River and tributaries.	1898.
20th A, pt. 4	Monthly discharge.....	1898.
WSP 35 to 39.	Descriptions, measurements, gage heights, and ratings.....	1899.
21st A, pt. 4	Monthly discharge.....	1899.
WSP 47 to 52.	Descriptions, measurements, gage heights, and ratings.....	1900.
22d A, pt. 4.	Monthly discharge.....	1900.
WSP 65, 66...	Descriptions, measurements, gage heights, and ratings.....	1901.
WSP 75.....	Monthly discharge.....	1901.

Reports on surface-water supply containing records from 1899 to date for drainage basins in this report are listed below. The data for any particular gaging station will, in general, be found in the reports covering the years during which the station was maintained. Before 1951, records for the south Atlantic slope and eastern Gulf of Mexico basins, Ogeechee River to Pearl River basins were included with those for the south Atlantic slope and eastern Gulf of Mexico basins.

Numbers of water-supply papers containing results of stream measurements in the South Atlantic slope and eastern Gulf of Mexico basins, Ogeechee River to Pearl River, 1899-1960

Year	WSP	Year	WSP	Year	WSP	Year	WSP	Year	WSP
1899	36	1912	322	1925	602	1937	822	1949	1142
1900	46	1913	352	1926	622	1938	852	1950	1172
1901	65, 75	1914	362	1927	642	1939	872	1951	1204
1902	83	1915	402	1928	662	1940	892	1952	1234
1903	96	1916	432	1929	682	1941	922	1953	1274
1904	127	1917	452	1930	697	1942	952	1954	1334
1905	166	1918	472	1931	712	1943	972	1955	1364
1906	204	1919-20	502	1932	727	1944	1002	1956	1434
1907-8	242	1921	522	1933	742	1945	1032	1957	1504
1909	262	1922	542	1934	757	1946	1052	1958	1554
1910	282	1923	562	1935	762	1947	1062	1959	1624
1911	302	1924	582	1936	802	1948	1112	1960	1704

A compilation of records for the area covered by this report through September 1950 has been published as Water-Supply Paper 1304. That report contains a summary of monthly and annual discharges for all previously published records as well as some records not contained in the annual series of water-supply papers. All records were reexamined and revised where warranted. Estimates of discharge were made to fill short gaps whenever practical.

The reports listed in the foregoing tables contain the customary records of discharge collected during the systematic operation of gaging stations. Detailed information on the stage and discharge of many streams during major floods has been included in special reports on these floods published by the Geological Survey. The more recent of these special reports also contain other pertinent hydrologic information and analyses and compilations of data relating to earlier notable floods. The list on the following page gives the numbers and titles of these reports:



ReportIssued by

WSP 771: Floods in the United States, magnitude and frequency.	U. S. Geological Survey.
WSP 847: Maximum discharges at stream-measurement stations through September 1938.	Do.
WSP 1066: Floods of August 1940 in the southeastern States.	Do.
WSP 1137-1: Summary of floods in the United States during 1950.	Do.
WSP 1227-A: Floods of March-April 1951 in Alabama and adjacent States.	Do.
WSP 1227-D: Summary of floods in the United States during 1951.	Do.
WSP 1320-E: Summary of floods in the United States during 1953.	Do.
Cir. 100: Floods in Georgia, frequency and magnitude.	Do.
Cir. 342: Floods in Alabama, frequency and magnitude.	Do.
Bull. 66: North Mississippi Floods of February 1948.	Mississippi State Geological Survey.
Floods in Louisiana, magnitude and frequency.	Louisiana Department of Highways.
Cir. 17: Flood of June 9, 1957, at Perry, Fla.	Florida Geological Survey.

## RECORDS OF DISCHARGE COLLECTED BY AGENCIES OTHER THAN THE GEOLOGICAL SURVEY

The table below contains a list of gaging stations for the area covered by this report, at which records of discharge were collected during the 1960 water year by agencies other than the Geological Survey. The records of these stations are not contained in publications of the Geological Survey.

## Records of discharge collected by agencies other than the Geological Survey

Stream	Location	Period	Collected by
Apalachicola River.....	At Blountstown, Fla.....	1957-60	Corps of Engineers.
Do.....	Near Wewahatchka, Fla.....	1955-60	Do.
Black Warrior River.....	Near Eutaw, Ala.....	1957-60a/	Do.
Caloosahatchee Canal....	At Ortona lock near La Belle, Fla.	1951-60	Do.
Chattahoochee River....	At Buford Dam, Ga.....	1956-60	Do.
Do.....	Fort Gaines, Ga.....	1953-60	Do.
Do.....	Franklin, Ga.....	1945-60a/	Do.
Etowah River.....	Cartersville, Ga.....	1949-60	Do.
Do.....	Near Kingston, Ga.....	1955-60a/	Do.
Fisheating Creek.....	At Lake Okeechobee, Fla.....	1951-60	Do.
Harney Pond Canal.....	.....do.....	1951-60	Do.
Indian Prairie Canal....	Near Lake Okeechobee, Fla.....	1951-60	Do.
Little Cedar Creek.....	Cave Springs, Ga.....	1948-60	Do.
Old Town Creek.....	Verona, Miss.....	1947-60a/	Do.
Prarie Creek.....	Gallion, Ala.....	1952-60a/	Do.
Taylor Creek.....	At Lake Okeechobee, Fla.....	1951-60	Do.
Tishomingo Creek.....	Saltillo, Miss.....	1949-60	Do.
Tombigbee River.....	Nanafalia, Ala.....	1956-60	Do.

a Some earlier records published in reports of Geological Survey.

Note.--The Agricultural Research Service of the U. S. Department of Agriculture has collected records of runoff from 1 area of 19 acres near Watkinsville, Ga., beginning in 1940.

## HYDROLOGIC CONDITIONS

In the area covered by this report excessive streamflow was widespread during most of the year. Monthly mean discharge was record-high for the month at one or more key gaging stations in Florida in October, February, April, May, August, and September. Flow of Silver Springs in central Florida during August was the maximum for any month since records began in 1933; however, the flow during September was even greater.

Frequent flooding occurred during the year; in Alabama the floods were mostly limited to bankfull stages, but in Florida the floods in March and April caused maximum flows at several gaging stations having 10 to 30 years of record. Tropical storms in July and September caused major floods in Florida.

Parts of Alabama, Georgia, and Mississippi experienced deficient flows during one or more months April to September.

Figure 2, on page 12, for which records of three long-term representative gaging stations were used, shows a comparison of the monthly and yearly mean discharges for the 1960 water year with the median discharge for the period 1931-60.

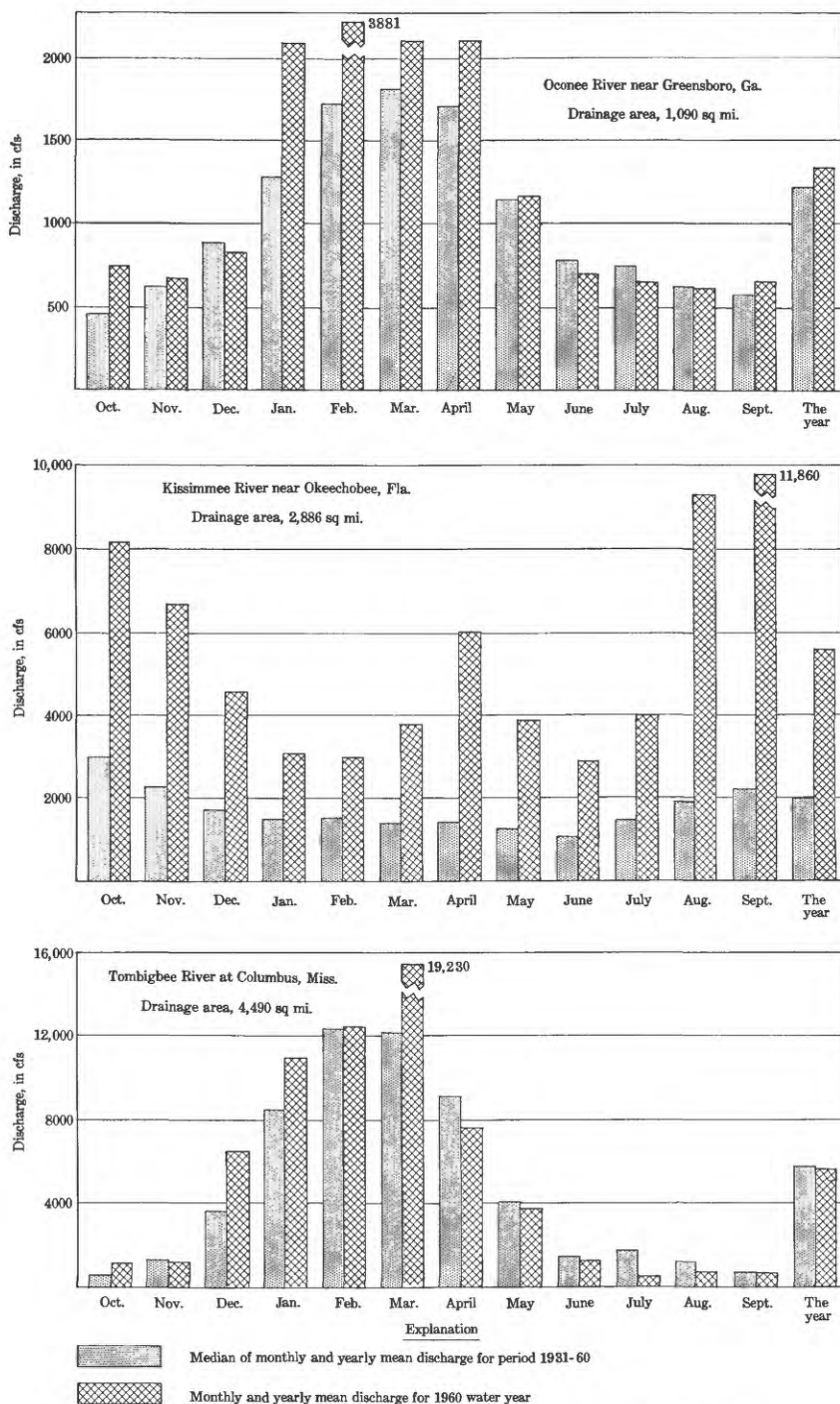


Figure 2. Comparison of discharge at three long-term representative gaging stations during 1960 water year with median discharge for period 1931-60.

























































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































