

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

Streamflow data for the years 1884-1901, in reports of the Geological Survey--Continued

(A = Annual Report; B = Bulletin)

Report	Character of data	Year
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, 1899-1958

Year	WSP	Year	WSP	Year	WSP	Year	WSP	Year	WSP
1899	36	1912	322	1925	602	1937	822	1949	1142
1900	48	1913	352	1926	622	1938	852	1950	1172
1901	75	1914	362	1927	642	1939	872	1951	1204
1902	83	1915	402	1928	662	1940	892	1952	1234
1903	98	1916	432	1929	682	1941	922	1953	1274
1904	127	1917	452	1930	697	1942	952	1954	1334
1905	168	1918	472	1931	712	1943	972	1955	1384
1906	204	1919-20	502	1932	727	1944	1002	1956	1434
1907-8	242	1921	522	1933	742	1945	1032	1957	1504
1908	265	1922	542	1934	757	1946	1052	1958	1554
1910	282	1923	562	1935	782	1947	1082		
1911	302	1924	582	1936	802	1948	1112		

Each of the reports on the surface-water supply for the year 1939 (Water-Supply Paper 872 for the south Atlantic slope and eastern Gulf of Mexico basins, Ogeechee River to Pearl River) contains, for the area included in that report, a summary of yearly discharge at gaging stations at which 10 or more complete years of record had been collected. These summaries were reprinted separately.

Reports also have been published that are compilations of records for various areas, usually a single State or drainage basin. These reports contain records previously published (some of which may have been revised), as well as some records not contained in the annual series of water-supply papers. The only such reports for any part of the area covered by this report are Water-Supply Paper 107, "Water powers of Alabama, with an appendix on stream measurements in Mississippi, 1895-1903," Water-Supply Paper 197, "Water resources of Georgia, 1895-1905", and Water-Supply Paper 1255, "Water Resources of South-eastern Florida."

Records of discharge have been published also in State reports. Some of these are not contained in the publications of the Geological Survey or are revisions of records previously published in its water-supply papers. The following table contains a list of these reports for the area covered by this report.

State reports containing compilations of records of discharge

State	Period	Report	Issued by
Alabama.....	1904-47	Special Report 20, Water Resources and Hydrology of southeastern Alabama.	Geological Survey of Alabama.
Do.....	1897-1953	Special Report 22, Hydrology and Surface-Water Resources of east-central Alabama.	Do.
Do.....	1895-1955	Special Report 24, Surface-Water Resources and Hydrology of west-central Alabama.	Do.
Florida.....	1898-1946	Bull. 31, Springs of Florida.....	Florida Geological Survey.
Do.....	1930-47	Paper No. 5, St. Johns River Basin.....	State Division of Water Survey and Research.
Do.....	1926-49	Paper No. 7, Lake Okeechobee Tributaries.	Do.
Do.....	1921-50	Paper No. 12, Suwannee and St. Marys basins.	Do.





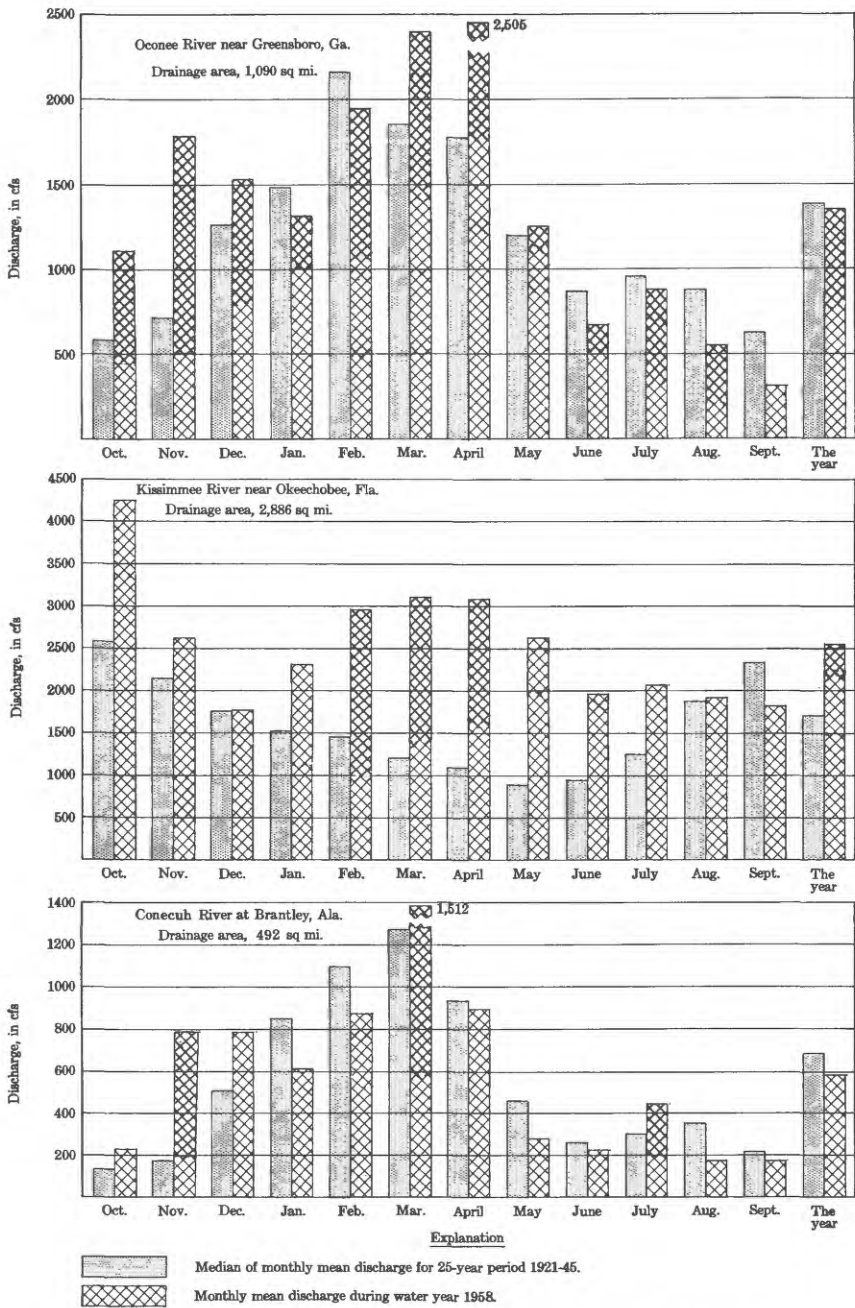


Figure 2. Comparison of discharge at three key gaging stations during 1958 water year with median discharge for 25-year period.

## GAGING-STATION RECORDS

## OGEECHEE RIVER BASIN

2020. Ogeechee River at Scarboro, Ga.

Location.--Lat 32°42'40", long 81°52'45", on left bank 15 ft downstream from highway bridge at Scarboro, Jenkins County,  $3\frac{1}{2}$  miles downstream from Sculls Creek,  $6\frac{1}{2}$  miles upstream from Horse Creek, and  $7\frac{1}{2}$  miles southeast of Millen.

Drainage area.--1,940 sq mi, approximately.

Records available.--April 1937 to September 1958.

Gage.--Water-stage recorder. Datum of gage is 111.81 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers). Prior to Dec. 18, 1941, staff gage at same site and datum.

Average discharge.--21 years, 1,588 cfs.

Extremes.--Maximum discharge during year, 7,800 cfs Apr. 23 (gage height, 9.48 ft); minimum, 237 cfs Sept. 15.

1937-58: Maximum discharge, 24,600 cfs Aug. 17, 1940, Mar. 27, 1944 (gage height, 12.8 ft); minimum daily, 120 cfs Sept. 5-10, 1954.

Maximum stage known, 17.0 ft in October 1929, from information by local residents.

Remarks.--Records good except those for periods of doubtful or no gage-height record, which are fair.

Rating table, water year 1957-58 (gage height, in feet,  
and discharge, in cubic feet per second)  
(Shifting-control method used Nov. 13-18)

0.4	243	7.0	2,170
2.0	462	7.5	2,770
4.0	860	8.0	3,740
6.0	1,550	9.5	7,800

Discharge, in cubic feet per second, water year October 1957 to September 1958

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	760	1,310	5,290	2,700	4,190	3,420	2,940	3,420	910	885	720	326
2	1,300	1,240	5,560	2,800	4,540	4,190	3,030	3,220	940	765	680	320
3	2,100	1,160	5,690	2,800	4,810	4,660	3,320	3,120	1,270	740	840	320
4	3,400	1,130	5,690	2,800	4,660	4,780	3,850	2,940	1,650	740	602	307
5	3,400	1,060	5,420	2,800	4,190	4,780	4,190	2,700	1,890	760	560	294
6	3,400	1,030	4,910	2,800	3,740	4,780	4,300	2,370	1,650	785	547	274
7	3,700	970	4,540	2,800	3,320	5,160	4,420	2,090	1,350	810	511	268
8	4,000	910	4,300	2,900	3,030	5,420	4,420	1,950	1,160	860	478	262
9	4,300	860	4,420	2,900	2,860	5,690	4,300	1,770	1,060	885	462	255
10	4,080	810	4,420	2,900	2,770	5,970	4,300	1,710	1,030	940	432	249
11	3,740	785	4,420	2,800	3,030	6,540	4,190	1,650	970	1,030	417	249
12	3,740	740	4,420	2,800	3,420	6,840	4,190	1,710	940	1,200	388	249
13	3,530	*700	4,420	2,700	3,530	6,840	4,420	1,770	860	1,310	374	243
14	3,220	720	4,190	2,600	3,420	6,400	4,910	1,650	760	1,390	*360	243
15	2,940	785	4,080	2,500	4,190	5,970	5,160	1,510	680	1,510	374	243
16	2,560	885	3,850	2,500	5,040	5,690	5,420	1,390	720	1,600	374	243
17	2,260	970	4,080	2,400	4,910	5,690	5,420	1,310	720	1,770	374	255
18	2,090	1,130	4,080	2,400	4,300	5,690	5,560	1,240	680	1,950	374	255
19	1,890	1,310	4,190	2,300	3,740	5,040	6,540	1,160	680	2,090	374	*262
20	1,630	1,600	4,080	2,300	3,520	4,540	6,690	1,100	740	2,170	374	262
21	1,710	1,830	3,740	2,200	3,030	4,190	6,110	1,130	810	2,170	388	268
22	1,650	2,170	3,320	2,200	2,770	3,960	6,400	1,130	910	2,020	388	268
23	1,650	2,940	3,030	2,100	2,490	3,740	7,640	*1,130	1,000	1,770	388	262
24	1,650	3,740	2,860	2,090	2,370	3,530	7,000	1,100	1,160	1,510	388	262
25	1,600	4,080	2,700	2,430	2,260	3,320	5,830	1,060	1,310	1,350	388	261
26	1,550	3,960	2,600	2,940	2,320	3,220	4,910	1,030	1,350	1,160	374	300
27	1,510	3,740	2,610	3,330	2,490	3,120	4,080	1,030	1,310	1,030	374	314
28	1,700	3,740	2,600	4,300	2,840	3,120	3,530	1,000	1,200	885	374	326
29	1,390	4,190	2,600	4,780	-	3,120	3,420	970	1,130	835	374	333
30	1,310	4,910	2,600	4,660	-	2,940	3,530	885	1,000	785	360	326
31	1,310	-	2,700	4,300	-	2,940	-	860	-	740	340	-
Total	75,040	55,405	123,400	89,030	97,780	145,290	144,020	51,105	31,840	38,465	13,551	8,319
Mean	2,421	1,747	3,961	2,872	3,492	4,687	4,601	1,649	1,241	1,241	437	277
Cfs/m	1.25	0.952	2.05	1.48	1.80	2.42	2.47	0.850	0.547	0.640	0.225	0.143
In.	1.44	1.06	2.36	1.71	1.87	2.79	2.76	0.98	0.61	0.74	0.26	0.16
Calendar year 1957: Max	5,690				Min 180		Mean 1,543	Cfs/m 0.795	In. 10.79			
Water year 1957-58: Max	7,640				Min 243		Mean 2,392	Cfs/m 1.23	In. 16.74			

\* Discharge measurement made on this day.

Note.--Doubtful or no gage-height record Oct. 1-8, Nov. 2-12, Dec. 26 to Jan. 23, June 28, 29, July 1, 2, 15, 16, 24-27, July 31 to Aug. 11, Aug. 21-23, 25-29, Sept. 1, 2; discharge estimated on basis of recorder graph, engineer's inspections, weather records, and records for stations on nearby streams.

























































































































































































































































































































































































































































































































































































































































































































































































































































































