

APALACHICOLA RIVER BASIN

02336000

CHATTAHOOCHEE RIVER AT ATLANTA, GA.

Latitude: 33° 51' 33" Longitude: 84° 27' 16" Hydrologic Unit Code: 03130001

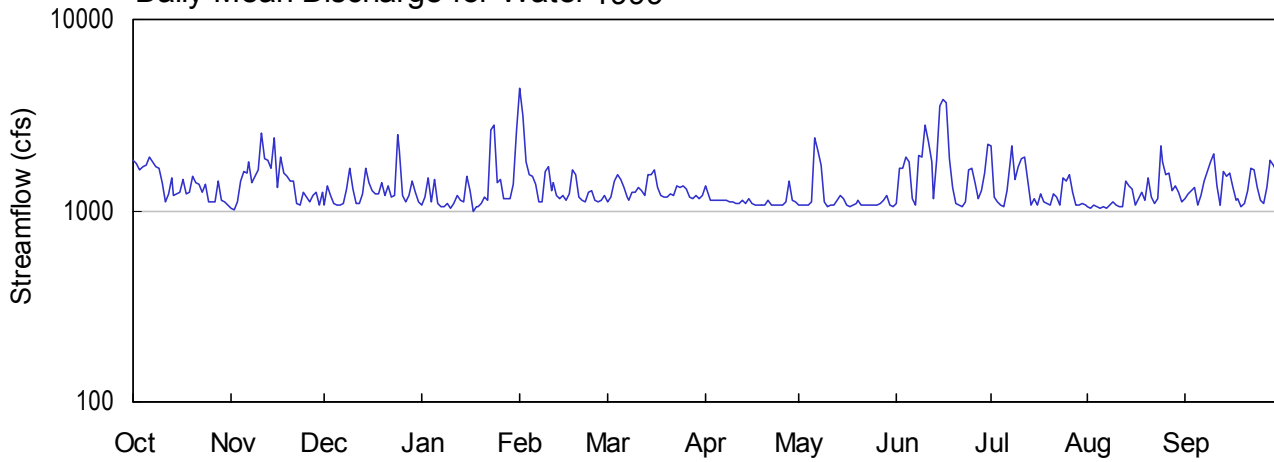
Fulton County

Drainage Area: 1450.0 mi²

Datum: 750.1 feet

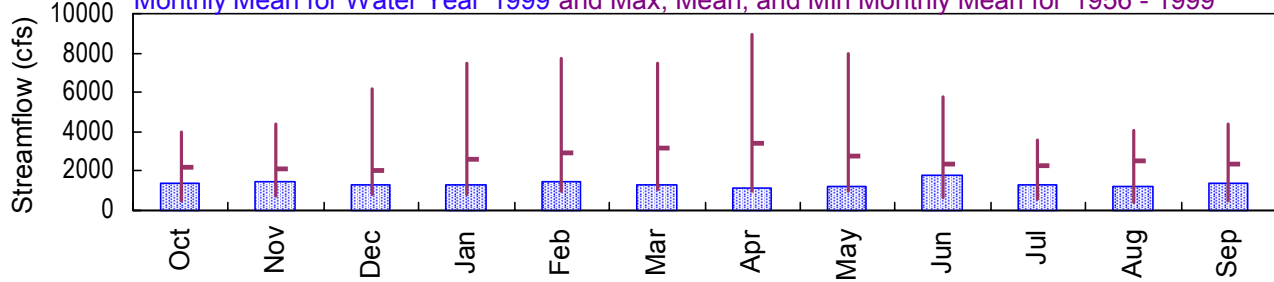
Period of Record: 1956 - 1999

Daily Mean Discharge for Water 1999

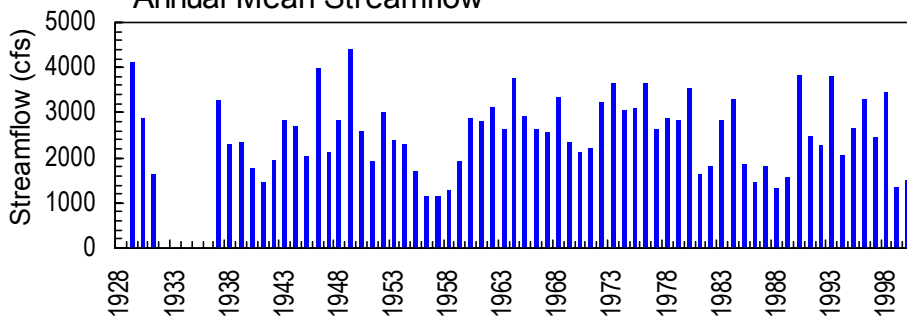


Monthly Statistics

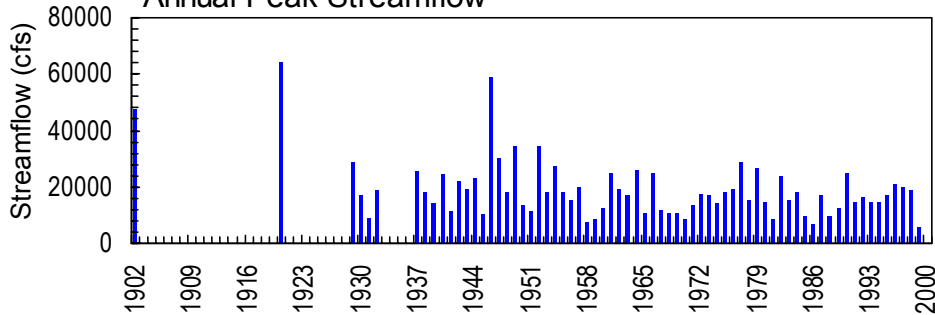
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1956 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



02336000 - Chattahoochee River at Atlanta, GA

APALACHICOLA RIVER BASIN
1999 Water Year

02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA

LOCATION.--Lat 33°51'33", long 84°27'16", Fulton-Cobb County line, Hydrologic Unit 03130001, on left bank 20 feet upstream from Paces Ferry Bridge, at Atlanta, 1 mile downstream from Rottenwood Creek, 2.5 miles upstream from Peachtree Creek, and at mile 303.0.

DRAINAGE AREA.--1,450 mi², approximately.

PERIOD OF RECORD.--August 1928 to December 1931, October 1936 to current year. Prior to October 1951, published as "near Vinings".

REVISED RECORDS.--WSP 972: 1932.

GAGE.--Water-stage recorder. Datum of gage is 750.10 feet above sea level. Aug. 3, 1928, to Dec. 31, 1931, water-stage recorder, and Nov. 15, 1936 to Mar. 8, 1937, non-recording gage at same site and datum. Since June 1967, auxiliary water-stage recorder located at bridge on U.S. Highway 41, 0.8 miles upstream.

REMARKS.--Records good. Flow regulated by Lake Sidney Lanier since January 1956 (See "Lakes and Reservoirs in Apalachicola River Basin", station 02334400). Diversions above station by Gwinnett, DeKalb, and Cobb Counties; return flows above station by Gwinnett and Cobb Counties. Considerable diurnal fluctuation caused by operation of Morgan Falls hydroelectric plant 9.5 miles above station. Records of chemical analyses for the water years 1974-1979 are published in reports of the U.S. Geological Survey.

AVERAGE DISCHARGE.--66 years (water years 1929-31, 1937-current year), 2,560 ft³/s, 23.98 in/yr, unadjusted.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1896, 29.0 feet in December 1919, from flood marks at site 2.6 miles downstream and stage relation between the two sites.

STATION NUMBER 02336000 CHATTAHOOCHEE RIVER AT ATLANTA, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 335133 LONGITUDE 0842716 DRAINAGE AREA 1450.00 DATUM 750.10 STATE 13 COUNTY 121
 PROVISIONAL DATA SUBJECT TO REVISION

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1820	1030	1070	1060	4400	1070	1290	1020	1030	2160	1040	1160
2	1780	1010	1360	1170	3120	1130	1200	1010	1630	1150	1030	1230
3	1640	1110	1190	1490	1790	1400	1070	1010	1610	1110	1080	1270
4	1700	1420	1090	1120	1510	1500	1060	1020	1870	1050	1050	1330
5	1730	1610	1070	1470	1500	1420	1060	1050	1740	1030	1030	1060
6	1890	1580	1070	1110	1350	1270	1060	2380	1110	1260	1040	1190
7	1790	1800	1090	1050	1100	1120	1070	2020	1020	1790	1030	1430
8	1690	1390	1300	1060	1090	1090	1060	1690	1890	2190	1070	1600
9	1680	1510	1680	1100	1590	1190	1050	1060	1860	1440	1110	1810
10	1390	1650	1290	1030	1680	1200	1040	991	2740	1690	1070	1970
11	1110	2540	1090	1100	1250	1280	1030	999	2250	1870	1050	1350
12	1220	1860	1090	1220	1360	1220	1040	1020	1750	1920	1040	1080
13	1490	1830	1220	1140	1170	1140	1060	1070	1110	1430	1440	1590
14	1210	1660	1670	1130	1130	1500	1030	1130	1800	1060	1360	1500
15	1230	2380	1410	1510	1180	1470	1090	1110	3480	1150	1290	1570
16	1240	1320	1270	1280	1120	1560	1030	1000	3800	1070	1060	1310
17	1450	1900	1230	1010	1190	1260	1010	988	3650	1220	1150	1140
18	1220	1580	1220	1050	1600	1150	1010	1010	1830	1120	1250	1150
19	1260	1520	1410	1050	1500	1120	995	1040	1290	1100	1130	1050
20	1500	1420	1190	1110	1150	1120	1010	1080	1060	1070	1480	1090
21	1390	1440	1360	1180	1100	1160	1070	1010	1030	1220	1180	1270
22	1380	1100	1190	1150	1090	1120	1000	1010	1020	1170	1100	1670
23	1240	1070	1200	2620	1220	1300	1010	1010	1100	1080	1150	1650
24	1370	1240	2530	2760	1240	1250	1010	1010	1610	1490	2180	1310
25	1120	1170	2070	1330	1100	1280	997	1010	1650	1430	1800	1140
26	1110	1120	1200	1410	1080	1230	1020	1010	1370	1540	1540	1090
27	1110	1200	1130	1100	1100	1110	1040	1040	1140	1240	1570	1330
28	1440	1240	1220	1110	1160	1090	1380	1070	1250	1060	1280	1830
29	1130	1060	1440	1130	---	1120	1080	1130	1550	1070	1350	1720
30	1110	1240	1250	1350	---	1070	1060	999	2190	1090	1250	1590
31	1060	---	1110	2590	---	1110	---	994	---	1060	1120	---
TOTAL	43500	44000	40710	40990	40870	38050	31932	34991	52430	41330	38320	41480
MEAN	1403	1467	1313	1322	1460	1227	1064	1129	1748	1333	1236	1383
MAX	1890	2540	2530	2760	4400	1560	1380	2380	3800	2190	2180	1970
MIN	1060	1010	1070	1010	1080	1070	995	988	1020	1030	1030	1050
CFSM	.97	1.01	.91	.91	1.01	.85	.73	.78	1.21	.92	.85	.95
IN.	1.12	1.13	1.04	1.05	1.05	.98	.82	.90	1.35	1.06	.98	1.06