

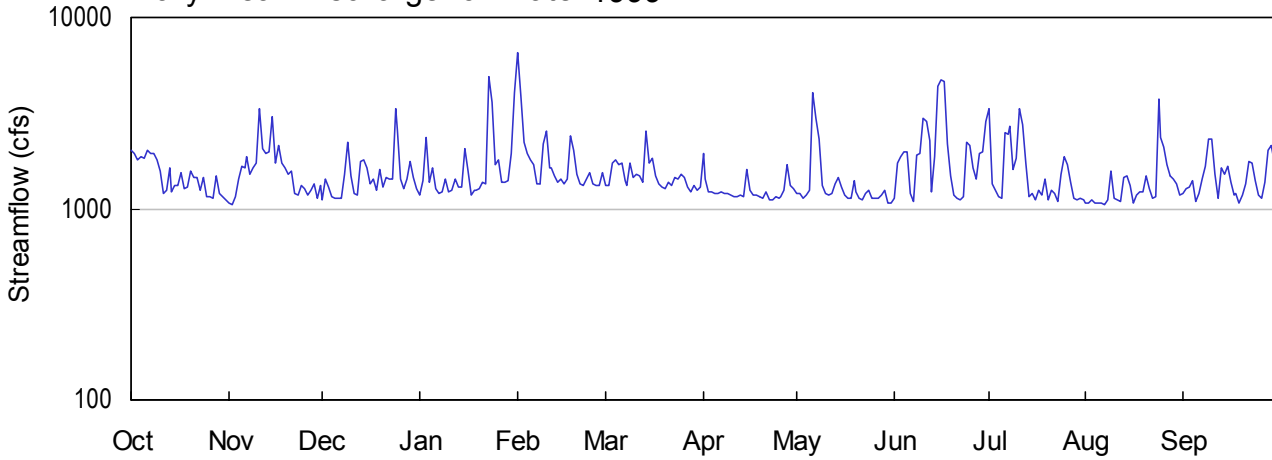
APALACHICOLA RIVER BASIN

02336490

CHATTAHOOCHEE RIVER NEAR ATLANTA, GA.

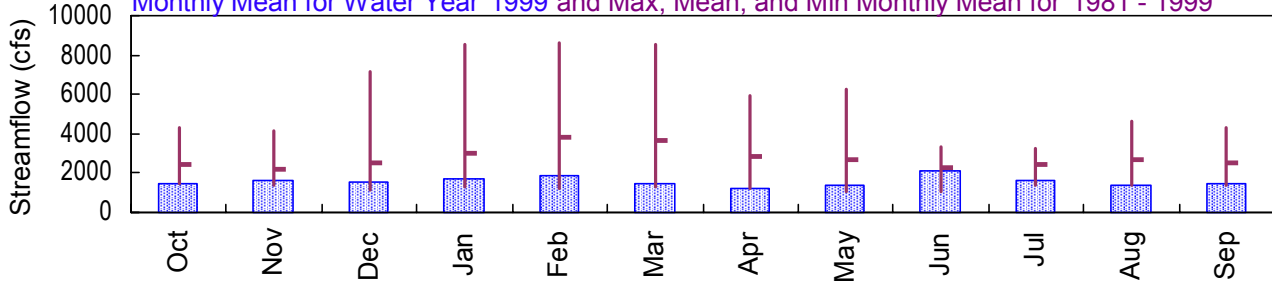
Latitude: 33° 49' 01" Longitude: 84° 28' 48" Hydrologic Unit Code: 03130002 Fulton County  
 Drainage Area: 1590.0 mi<sup>2</sup> Datum: 736.3 feet Period of Record: 1981 - 1999

Daily Mean Discharge for Water 1999

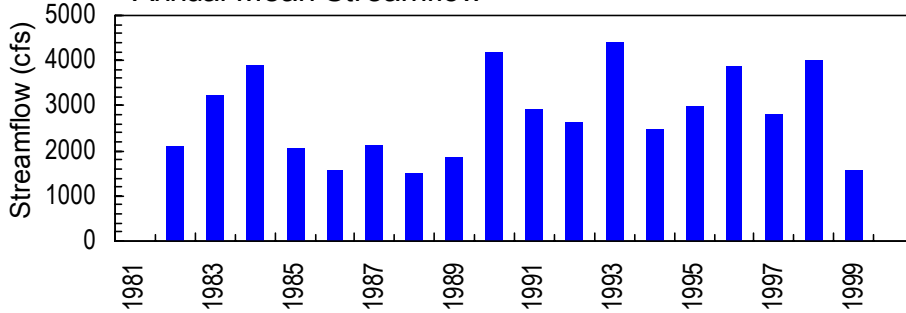


Monthly Statistics

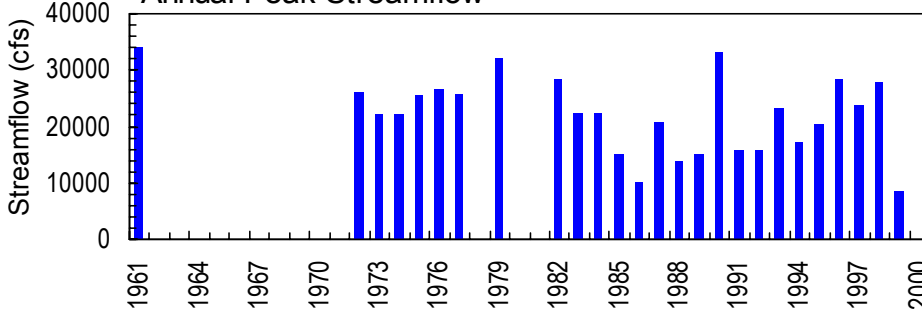
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1981 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



USGS 02336490 - Chattahoochee River at State Highway 280, near Atlanta, GA

**APALACHICOLA RIVER BASIN  
1999 Water Year**

**02336490 CHATTAHOOCHEE RIVER AT STATE HIGHWAY 280,  
NEAR ATLANTA, GA**

**LOCATION.**--Lat 33°49'01", long 84°28'48", Fulton-Cobb County line, Hydrologic Unit 03130002, on downstream side of bridge on State Highway 280, 0.6 miles upstream from Norfolk-Southern Railway bridge, 1.7 miles downstream from Peachtree Creek, and at mile 298.8.

**DRAINAGE AREA.**--1,590 mi<sup>2</sup> (revised).

**PERIOD OF RECORD.**--March 1981 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 736.35 feet above sea level.

**REMARKS.**--Records good. Flow regulated by Lake Sidney Lanier (See "Lakes and Reservoirs in Apalachicola River Basin", station 02334400). Diversions and return flows above station regulated by Gwinnett, DeKalb, and Cobb Counties, and by the city of Atlanta. Considerable diurnal fluctuation caused by the operation of the Morgan Falls hydroelectric plant.

**EXTREMES OUTSIDE PERIOD OF RECORD:** Flood of April 13, 1979, reached a stage of 30.71 feet from flood marks, discharge, 32,000 ft<sup>3</sup>/s.

STATION NUMBER 02336490 CHATTAHOOCHEE RIVER AT ST RT 280 NR ATLANTA, GA. STREAM SOURCE AGENCY USGS

LATITUDE 334901 LONGITUDE 0842848 DRAINAGE AREA 1590.00 DATUM 736.35 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	2020	1060	1120	1180	6490	1320	1960	1190	1130	3320	1060	1210
2	1950	1050	1420	1410	3880	1330	1420	1190	1730	1340	1080	1270
3	1790	1160	1290	2340	2220	1730	1230	1140	1870	1260	1110	1290
4	1860	1440	1160	1370	1950	1810	1220	1170	1980	1160	1080	1410
5	1850	1670	1140	1650	1790	1690	1190	1250	1980	1140	1060	1090
6	2030	1650	1130	1280	1700	1730	1200	4080	1200	2480	1060	1210
7	1930	1880	1140	1190	1340	1390	1220	2980	1090	2460	1050	1430
8	1960	1510	1510	1220	1340	1330	1210	2320	1910	2680	1110	1660
9	1800	1620	2210	1430	2170	1740	1210	1330	1960	1610	1580	2300
10	1580	1740	1480	1220	2570	1470	1180	1190	2960	1840	1130	2300
11	1210	3330	1190	1240	1630	1520	1160	1180	2880	3360	1120	1510
12	1250	2050	1180	1420	1640	1490	1150	1200	2260	2740	1090	1130
13	1620	1960	1780	1300	1480	1370	1180	1340	1230	1740	1450	1620
14	1220	2000	1790	1290	1380	2570	1150	1450	1860	1150	1480	1500
15	1330	3030	1620	2070	1420	1740	1590	1300	4380	1210	1320	1670
16	1330	1730	1340	1560	1360	1840	1260	1170	4750	1110	1080	1370
17	1530	2150	1430	1180	1420	1490	1170	1130	4610	1250	1170	1170
18	1280	1740	1260	1240	2390	1360	1170	1140	2190	1170	1220	1210
19	1300	1620	1610	1240	2020	1300	1160	1400	1480	1420	1220	1060
20	1560	1520	1300	1270	1500	1270	1140	1230	1180	1120	1490	1170
21	1450	1570	1470	1370	1360	1380	1230	1140	1130	1240	1270	1360
22	1450	1200	1420	1340	1320	1310	1110	1120	1110	1190	1140	1750
23	1260	1170	1430	4890	1420	1470	1120	1200	1160	1090	1150	1730
24	1460	1310	3360	3620	1540	1430	1150	1260	2210	1520	3720	1400
25	1160	1270	2600	1700	1360	1510	1140	1130	2160	1870	2340	1180
26	1150	1170	1430	1790	1320	1450	1150	1130	1640	1700	2080	1130
27	1130	1250	1280	1380	1330	1300	1250	1140	1440	1370	1710	1370
28	1480	1360	1440	1380	1550	1230	1700	1170	1940	1140	1480	2030
29	1190	1130	1750	1390	---	1310	1320	1240	1990	1110	1430	2140
30	1150	1310	1450	1960	---	1260	1270	1080	2850	1140	1340	1730
31	1110	---	1280	4060	---	1300	---	1080	---	1110	1180	---

TOTAL	46390	48650	47010	52980	52890	46440	37610	43070	62260	50040	42800	44400
MEAN	1496	1622	1516	1709	1889	1498	1254	1389	2075	1614	1381	1480
MAX	2030	3330	3360	4890	6490	2570	1960	4080	4750	3360	3720	2300
MIN	1110	1050	1120	1180	1320	1230	1110	1080	1090	1090	1050	1060
CFSM	.94	1.02	.95	1.07	1.19	.94	.79	.87	1.31	1.02	.87	.93
IN.	1.09	1.14	1.10	1.24	1.24	1.09	.88	1.01	1.46	1.17	1.00	1.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1999, BY WATER YEAR (WY)

MEAN	2405	2226	2498	3010	3850	3675	2885	2707	2257	2462	2691	2525
MAX	4289	4173	7191	8529	8606	8512	5962	6291	3305	3235	4664	4276
(WY)	1992	1993	1993	1993	1990	1990	1983	1984	1997	1992	1994	1991
MIN	1443	1365	1138	1325	1185	1274	1195	1065	1096	1350	1381	1376
(WY)	1989	1989	1989	1989	1986	1988	1986	1988	1988	1988	1999	1986

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1981 - 1999

ANNUAL TOTAL	1380810	574540	
ANNUAL MEAN	3783	1574	2784
HIGHEST ANNUAL MEAN			4394 1993
LOWEST ANNUAL MEAN			1486 1988
HIGHEST DAILY MEAN	23100 Mar 8	6490 Feb 1	29800 Mar 17 1990
LOWEST DAILY MEAN	1050 Nov 2	1050 Nov 2	847 May 30 1988
ANNUAL SEVEN-DAY MINIMUM	1170 Oct 29	1070 Aug 1	883 May 28 1988
INSTANTANEOUS PEAK FLOW		8590 Jan 23	33300 Mar 17 1990
INSTANTANEOUS PEAK STAGE		13.30 Jan 23	31.51 Mar 17 1990
ANNUAL RUNOFF (CFSM)	2.38	.99	1.75
ANNUAL RUNOFF (INCHES)	32.31	13.44	23.79
10 PERCENT EXCEEDS	7850	2200	5300
50 PERCENT EXCEEDS	2680	1360	1940
90 PERCENT EXCEEDS	1300	1130	1160

STATISTICS COMPUTED BY: ccfulk

DATE: 03/10/2000 AT: 11:28:03