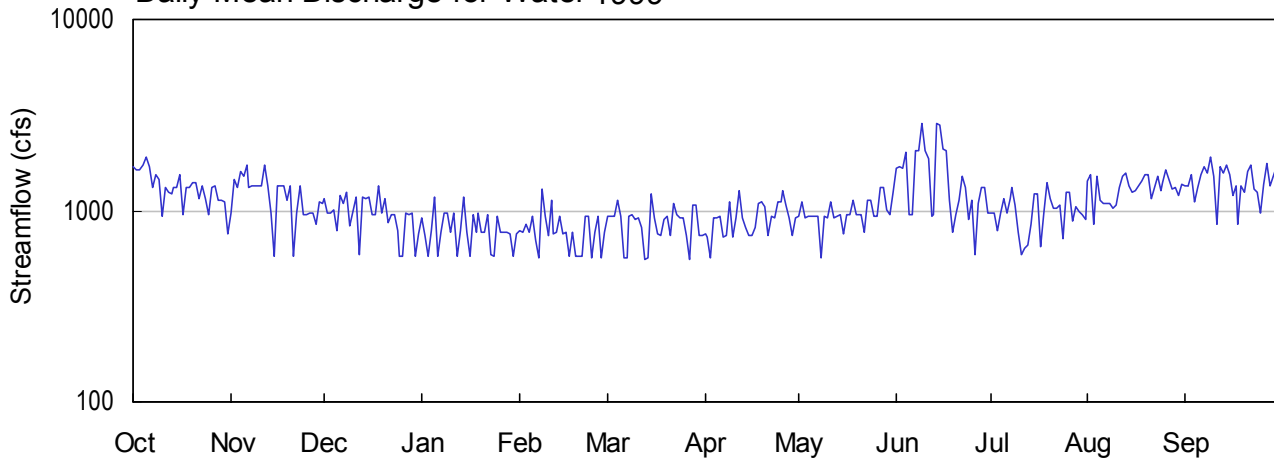


APALACHICOLA RIVER BASIN

02334430 CHATTAHOOCHEE RIVER AT BUFORD DAM NEAR BUFORD, G

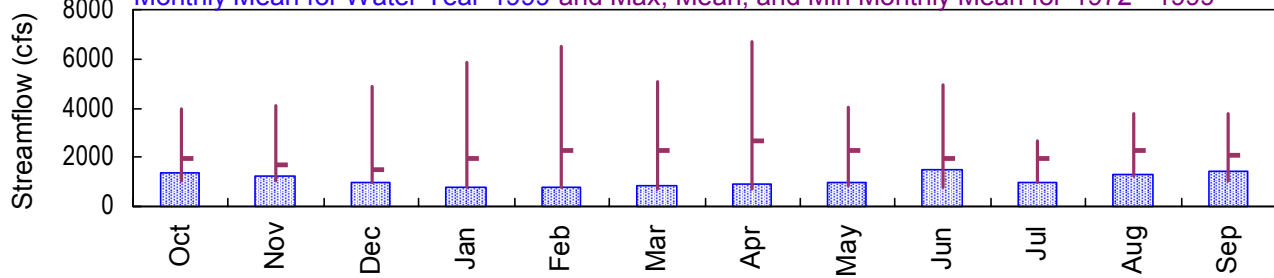
Latitude: 34°09'25" Longitude: 84°04'44" Hydrologic Unit Code: 03130001 Gwinnett County
 Drainage Area: 1040.0 mi² Datum: 912.0 feet Period of Record: 1972 - 1999

Daily Mean Discharge for Water 1999

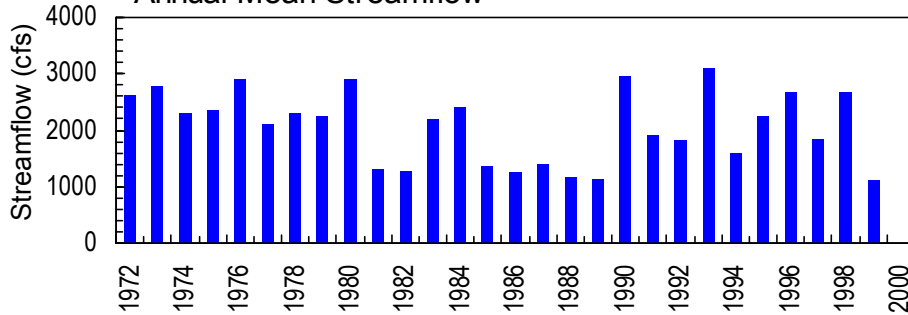


Monthly Statistics

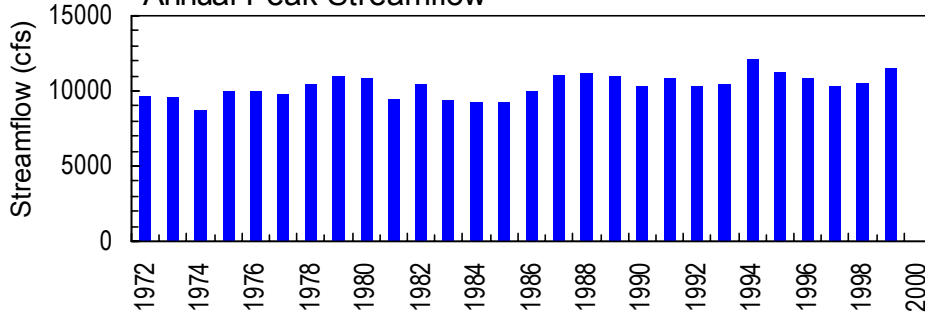
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1972 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



USGS
 02334430 Chattahoochee River below Buford Dam, GA

APALACHICOLA RIVER BASIN
1999 Water Year

02334430 CHATTAHOOCHEE RIVER AT BUFORD DAM,
NEAR BUFORD, GA

LOCATION.--Lat 34°09'25", long 84°04'44", Gwinnett-Forsyth County line, Hydrologic Unit 03130001, on right bank 1,200 feet downstream from Buford Dam, 2.4 miles upstream from bridge on State Highway 20, 4 miles northwest of Buford, and at mile 348.1.

DRAINAGE AREA.--1,040 mi², approximately.

PERIOD OF RECORD.--July to December 1901 (figures of daily discharge for the months of August and December, published in WSP 197, are unreliable and should not be used), October 1941 to current year. Prior to October 1971, published as 02334500, Chattahoochee River "near Buford". Monthly discharge only for July to December 1901, October 1941 to January 1942, published in WSP 1304.

REVISED RECORDS.--WDR GA-79-1: 1972-78 (maximum gage heights only). WDR GA-90-1: 1986-89 (maximum gage heights only). See also PERIOD OF RECORD.

GAGE.--Water-stage recorder. Datum of gage is 912.04 feet above sea level (levels by U.S. Army Corps of Engineers). June 24 to Dec. 21, 1901, Jan. 27, 1942, to Dec. 3, 1944, non-recording gage, and Dec. 4, 1944, to Dec. 31, 1947, water-stage recorder located at site 2.5 miles downstream, and Jan. 1, 1948, to Sept. 30, 1971, water-stage recorder located at site 2.4 miles downstream, all at different datum.

REMARKS.--Records good. Flow regulated by Lake Sidney Lanier beginning January 1956 (See "Lakes and Reservoirs in Apalachicola River basin", station 02334400). Periods of monthly discharge only are not included in statistics computations.

AVERAGE DISCHARGE.--58 years, 2,080 ft³/s, 27.16 in/yr, adjusted for storage since 1956.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1921, that of Jan. 8, 1946.

STATION NUMBER 02334430 CHATTAHOOCHEE RIVER AT BUFORD DAM NR BUFORD, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 340925 LONGITUDE 0840444 DRAINAGE AREA 1040.00 DATUM 912.04 STATE 13 COUNTY 135

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	1710	966	1160	914	780	935	749	934	1680	966	1440	1360
2	1650	1470	973	745	764	931	732	1120	1690	966	1540	1340
3	1630	1310	966	583	850	941	561	920	1680	779	846	1540
4	1740	1610	1010	780	765	1130	911	927	2020	965	1520	1120
5	1890	1500	787	1170	937	931	913	936	947	1150	1140	1310
6	1710	1720	1190	579	697	566	929	940	944	969	1100	1540
7	1330	1330	1100	777	567	566	726	941	2070	1150	1100	1710
8	1540	1340	1260	976	1300	934	738	568	2070	1310	1100	1570
9	1450	1340	834	968	938	944	1120	936	2870	1070	1030	1890
10	943	1350	991	776	746	892	732	917	2040	772	1080	1520
11	1330	1360	1170	967	1140	923	917	1110	1860	588	1320	841
12	1260	1720	586	580	757	816	1280	923	938	637	1520	1710
13	1220	1350	1180	780	767	559	916	941	952	658	1560	1560
14	1330	967	1150	1170	927	561	810	950	2850	847	1340	1730
15	1330	578	1170	776	759	1220	747	761	2830	1220	1250	1550
16	1530	1350	952	578	767	923	745	952	2080	1220	1280	1210
17	945	1350	960	961	572	751	824	946	2050	654	1350	1360
18	1330	1340	1360	777	769	747	1090	1130	1130	966	1420	856
19	1330	1140	967	968	575	907	1120	947	768	1410	1540	1340
20	1390	1350	1160	772	579	937	1040	952	954	1150	1530	1250
21	1410	573	866	769	581	742	743	945	1140	1030	1150	1590
22	1150	970	961	962	934	1090	934	774	1510	1020	1310	1730
23	1350	1360	957	588	931	945	916	1140	1320	1060	1500	1290
24	1150	962	782	582	570	919	1110	1140	895	712	1270	1240
25	956	959	574	942	767	918	1120	926	1140	1260	1390	971
26	1330	964	578	766	933	744	1270	937	589	1250	1620	1370
27	1350	963	967	764	569	557	1060	1320	1100	881	1460	1750
28	1140	848	948	766	768	1080	911	1320	1310	1050	1300	1360
29	1140	1110	966	760	---	1080	738	1010	1310	988	1330	1510
30	1110	1100	577	577	---	747	924	953	965	946	1210	1710
31	761	---	751	758	---	746	---	1250	---	899	1380	---

