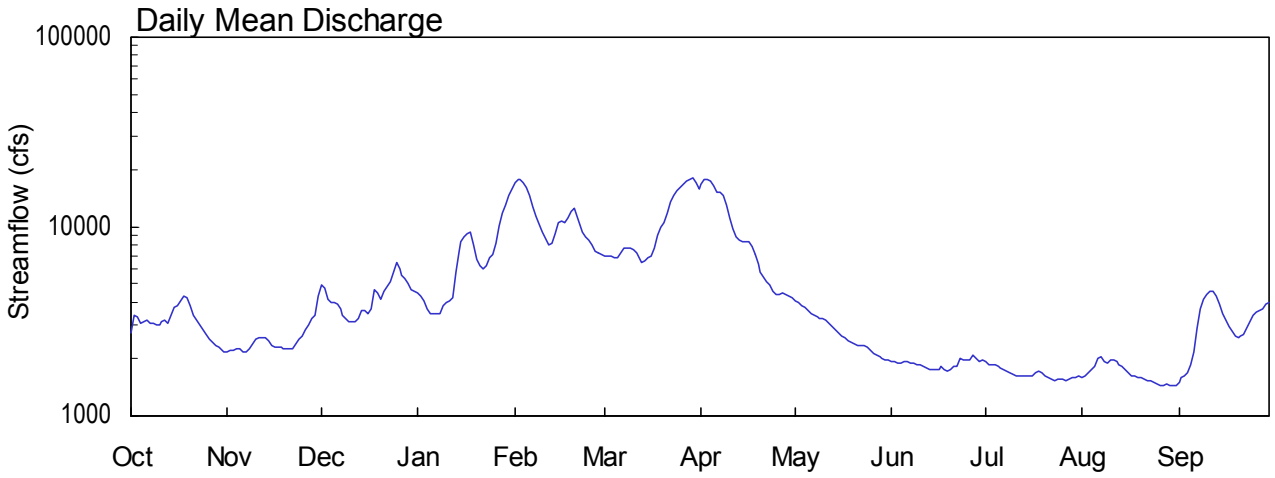
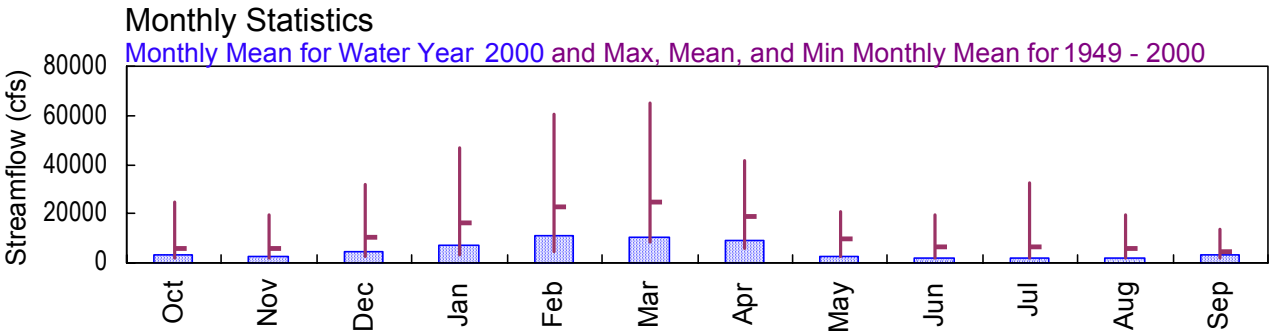
ALTAMAHA RIVER BASIN

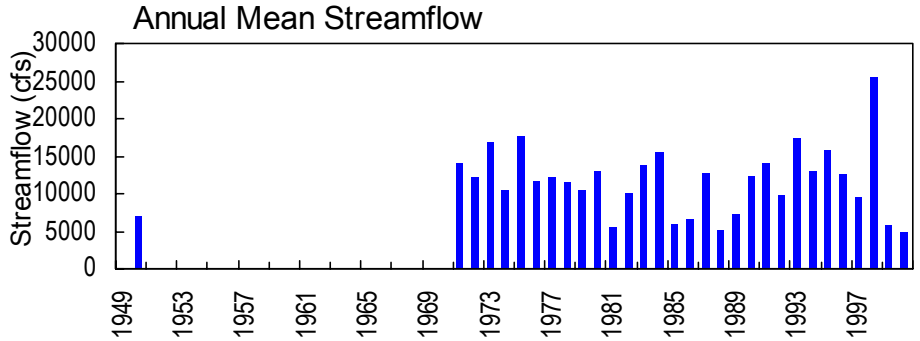
2000 Water Year

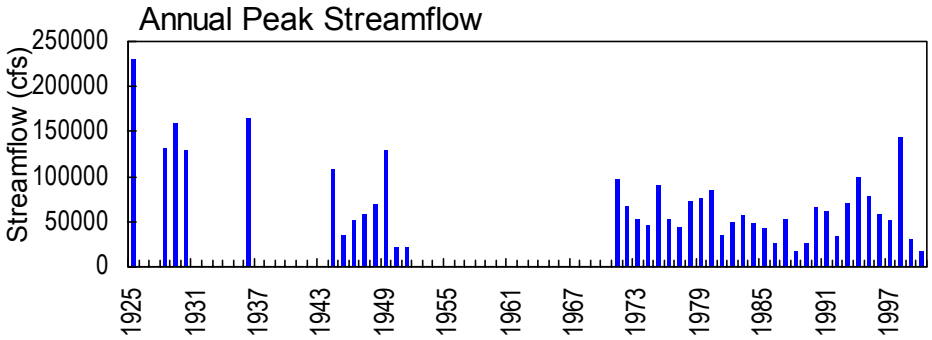
02225000 ALTAMAHA RIVER NEAR BAXLEY, GA

Latitude: 31°56'20" Longitude: 82°21'13" Hydrologic Unit Code: 03070106 Appling County
Drainage Area: 11600 mi^2 Datum: 61.51 feet Period of Record: 1949 - 2000









NO PHOTOS AVAILABLE FOR THIS SITE

ALTAMAHA RIVER BASIN
2000 Water Year

02225000 ALTAMAHA RIVER NEAR BAXLEY, GA

LOCATION.--Lat 31°56'20", long 82°21'13", Appling-Toombs County line, Hydrologic Unit 03070106, on right bank 400 feet downstream from bridge on U.S. Highway 1, 2.2 miles upstream from Bay Creek, 8 miles downstream from Bullards Creek, and 12 miles north of Baxley.

DRAINAGE AREA.--11,600 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1949 to June 1951, October 1970 to current year.

GAGE.—Satellite transmitter with a water-stage recorder. Datum of gage is 61.51 feet above sea level. From August 13, 1949, to June 30, 1951, non-recording gage located at site 400 feet upstream at same datum.

REMARKS.--Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.-- Flood of Dec. 10, 1948, reached a stage of 25.1 feet, from flood marks, discharge, 130,000 ft^3/s. Flood of January 1925 reached a stage of 30.0 feet, from information furnished by Georgia Department of Transportation.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 25,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Mar. 29	0600	18,200*	11.58*

No other peaks above base discharge

STATION NUMBER 02225000 ALTAMAHA RIVER NEAR BAXLEY, GA STREAM SOURCE AGENCY USGS
LATITUDE 315620 LONGITUDE 0822113 DRAINAGE AREA 11600.00 DATUM 61.51 STATE 13 COUNTY 001

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2730	2180	4960	4430	17100	6970	16800	4090	1950	1930	1600	1500
2	3430	2210	4720	4280	17900	6970	17800	3960	1930	1880	1610	1580
3	3330	2200	4140	4030	17600	6930	17900	3850	1910	1860	1690	1640
4	3100	2260	4000	3650	16900	6790	17300	3720	1900	1850	1770	1690
5	3150	2240	3950	3480	16000	6790	16300	3580	1940	1830	1830	1860
6	3220	2190	3880	3450	14500	7250	15300	3490	1920	1790	2000	2190
7	3110	2190	3650	3460	12800	7630	15200	3400	1890	1750	2060	2890
8	3100	2250	3400	3450	11400	7750	14500	3330	1890	1710	1940	3690
9	3010	2410	3260	3830	10200	7730	12900	3290	1880	1680	1910	4110
10	3030	2550	3160	3950	9380	7560	11100	3260	1850	1650	1960	4350
11	3120	2590	3120	4030	8590	7190	9650	3200	1820	1640	1980	4540
12	3210	2600	3120	4250	8060	6720	8800	3070	1790	1620	1930	4540
13	3080	2570	3280	5780	8200	6460	8430	2960	1760	1610	1880	4310
14	3420	2480	3580	7430	9240	6570	8290	2850	1750	1620	1820	3920
15	3720	2370	3610	8270	10400	6790	8290	2730	1760	1640	1760	3500
16	3840	2320	3440	8730	10700	6940	8250	2660	1760	1630	1690	3180
17	4080	2310	3680	9240	10500	7670	7830	2580	1810	1690	1640	2960
18	4280	2290	4620	9260	11100	9010	7090	2500	1750	1710	1610	2800
19	4190	2260	4440	8060	12100	9820	6310	2430	1730	1680	1590	2650
20	3800	2260	4130	6760	12400	10400	5740	2390	1750	1640	1580	2600
21	3430	2260	4520	6210	11200	11900	5390	2350	1810	1590	1560	2630
22	3210	2270	4810	5950	9830	13600	5130	2360	1810	1560	1530	2690
23	3050	2380	5070	6270	9330	14700	4880	2340	2000	1530	1520	2910
24	2880	2540	5760	6800	8850	15400	4540	2290	1980	1560	1490	3130
25	2720	2650	6440	7070	8420	16000	4370	2220	1970	1550	1470	3420
26	2560	2830	5940	8140	8000	16700	4410	2150	1980	1570	1460	3540
27	2440	3030	5480	10100	7470	17300	4450	2110	2090	1540	1460	3580
28	2360	3250	5320	11700	7260	17900	4390	2070	2020	1560	1470	3690
29	2300	3430	5040	13100	7160	18100	4270	2020	1950	1590	1450	3910
30	2240	4290	4630	14500	---	17200	4180	1990	1960	1600	1450	3990
31	2190	---	4530	15800	---	15900	---	1960	---	1610	1460	---
TOTAL	97330	75660	133680	215460	322590	324640	279790	87200	56310	51670	52170	93990
MEAN	3140	2522	4312	6950	11120	10470	9326	2813	1877	1667	1683	3133
MAX	4280	4290	6440	15800	17900	18100	17900	4090	2090	1930	2060	4540
MIN	2190	2180	3120	3450	7160	6460	4180	1960	1730	1530	1450	1500
CFSM	.27	.22	.37	.60	.96	.90	.80	.24	.16	.14	.15	.27
IN.	.31	.24	.43	.69	1.03	1.04	.90	.28	.18	.17	.17	.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 2000, BY WATER YEAR (WY)

MEAN	5547	6022	10370	16450	23060	24900	18870	9827	6750	6197	6019	4825
MAX	24560	19540	31920	46750	60420	65210	41730	20630	19380	32470	19600	13860
(WY)	1995	1998	1998	1998	1998	1998	1975	1975	1973	1994	1994	1949
MIN	1864	2115	2763	3395	4803	8597	5635	2576	1877	1667	1683	1643
(WY)	1982	1982	1988	1981	1989	1999	1986	1986	2000	2000	2000	1999

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1949 - 2000	
ANNUAL TOTAL	1940580		1790490			
ANNUAL MEAN	5317		4892		11620	
HIGHEST ANNUAL MEAN					25530	1998
LOWEST ANNUAL MEAN					4892	2000
HIGHEST DAILY MEAN	29200	Feb 12	18100	Mar 29	142000	Mar 16 1998
LOWEST DAILY MEAN	1460	Sep 13	1450	Aug 29	1450	Aug 29 2000
ANNUAL SEVEN-DAY MINIMUM	1480	Sep 12	1460	Aug 25	1460	Aug 25 2000
MAXIMUM PEAK FLOW			18200	Mar 29	144000	Mar 16 1998
MAXIMUM PEAK STAGE			11.58	Mar 29	24.15	Mar 16 1998
INSTANTANEOUS LOW FLOW			1440	Aug 27	1440	Aug 27 2000
ANNUAL RUNOFF (CFSM)	.46		.42		1.00	
ANNUAL RUNOFF (INCHES)	6.22		5.74		13.61	
10 PERCENT EXCEEDS	10600		11100		25900	
50 PERCENT EXCEEDS	3910		3270		6980	
90 PERCENT EXCEEDS	1860		1640		2650	

STATISTICS COMPUTED BY: landers DATE: 10/29/2001 AT: 09:28:59