

ALTAMAHA RIVER BASIN

02225000

ALTAMAHA RIVER NEAR BAXLEY, GA.

Latitude: 31° 56' 20" Longitude: 82° 21' 13" Hydrologic Unit Code: 03070106

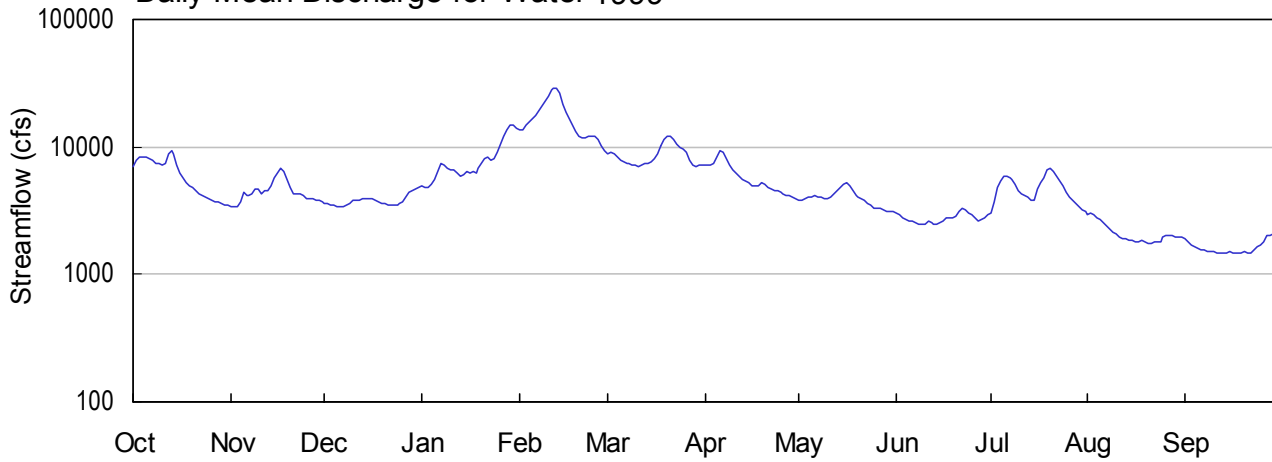
Appling County

Drainage Area: 11600. mi²

Datum: 61.51 feet

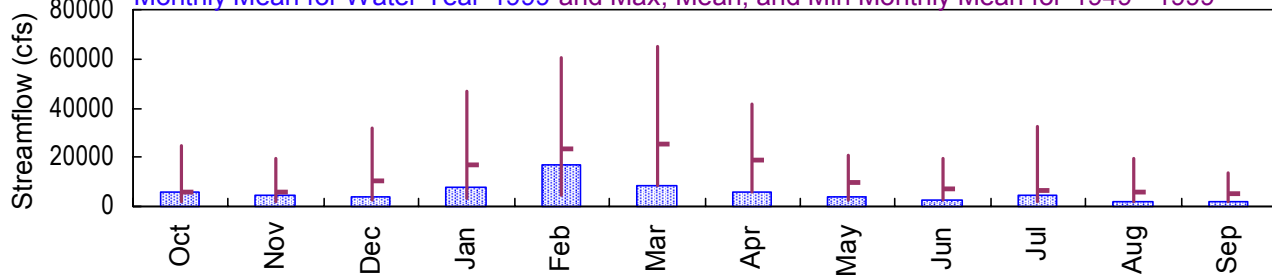
Period of Record: 1949 - 1999

Daily Mean Discharge for Water 1999

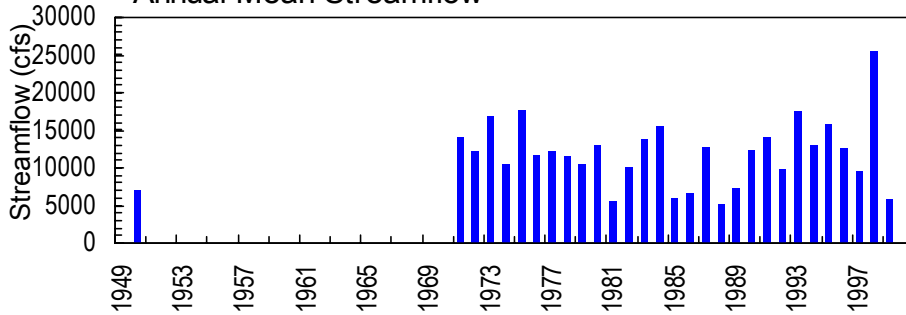


Monthly Statistics

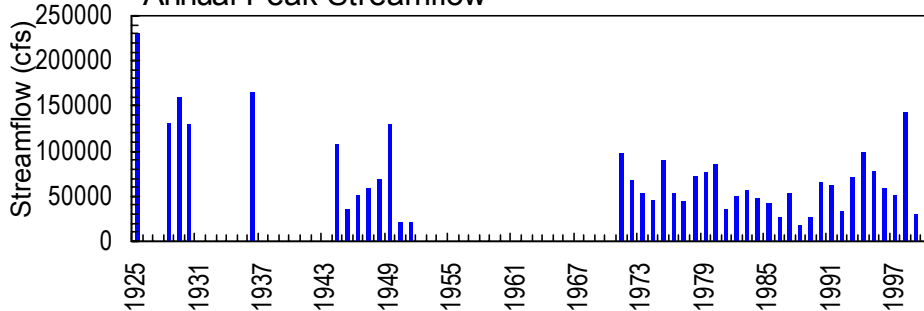
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1949 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



**ALTAMAHA RIVER BASIN
1999 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 mi², approximately.

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

GAGE.--Water-stage recorder. Datum of gage is 61.51 feet above sea level. Aug. 13, 1949, to June 30, 1951, non-recording gage 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 ft³/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 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Feb. 12	2300	29,500*	14.59*

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 1998 TO SEPTEMBER 1999
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7050	3440	3650	4950	13800	8910	7300	3830	3030	3030	2980	1910
2	7760	3410	3560	4860	13800	8980	7240	3780	2930	3680	3000	1800
3	8300	3430	3500	4780	14700	8900	7240	3880	2810	4750	2920	1720
4	8260	3700	3450	5030	15800	8360	7350	3990	2710	5470	2780	1660
5	8270	4420	3410	5540	16600	7960	8270	4070	2650	5860	2710	1600
6	8060	4110	3370	6330	17700	7700	9230	4120	2590	5930	2580	1560
7	7840	4150	3420	7470	19200	7480	9070	4100	2540	5720	2370	1550
8	7520	4340	3500	7310	20800	7320	7990	4030	2500	5480	2240	1530
9	7470	4710	3610	6850	22700	7230	7120	3960	2480	5070	2160	1510
10	7200	4700	3780	6640	25200	7110	6620	3910	2470	4580	2050	1500
11	7500	4310	3860	6640	27700	6950	6260	4010	2590	4340	1990	1490
12	8780	4520	3870	6210	29200	7110	5870	4230	2530	4170	1920	1470
13	9290	4580	3920	5970	28900	7420	5620	4510	2470	4070	1880	1460
14	8710	4960	3970	6050	26300	7500	5430	4820	2450	3840	1840	1490
15	7310	5750	3980	6420	21900	7540	5180	5110	2510	3860	1840	1520
16	6320	6260	3920	6280	18700	7990	4960	5190	2610	4610	1780	1490
17	5790	6750	3830	6330	16500	8920	4990	4940	2740	5300	1780	1480
18	5270	6380	3730	6230	14800	10200	5000	4510	2770	5660	1830	1470
19	5010	5580	3650	6800	13300	11400	5170	4210	2800	6550	1800	1490
20	4750	4800	3590	7500	12200	12300	5090	4070	2860	6710	1760	1500
21	4480	4320	3540	8100	11700	12300	4800	3920	3140	6400	1770	1490
22	4270	4230	3520	8270	11800	11400	4650	3780	3340	5930	1780	1480
23	4130	4290	3500	7930	12100	10600	4580	3610	3250	5450	1810	1540
24	4010	4150	3480	8000	12000	9880	4500	3460	3060	4990	1780	1630
25	3890	3970	3550	9120	12100	9580	4410	3340	2930	4460	1950	1690
26	3800	3920	3720	10600	11300	9050	4270	3270	2800	4020	2010	1810
27	3720	3920	4000	12200	10200	7850	4170	3260	2650	3780	2040	2010
28	3670	3850	4400	13700	9380	7130	4120	3210	2660	3570	2010	2040
29	3610	3770	4570	14900	---	7000	4050	3140	2790	3390	1970	2090
30	3540	3720	4630	15000	---	7130	3950	3120	2920	3230	1980	2310
31	3480	---	4810	13900	---	7310	---	3080	---	3080	1990	---

TOTAL	189060	134440	117290	245910	480380	266510	174500	122460	82580	146980	65300	49290
MEAN	6099	4481	3784	7933	17160	8597	5817	3950	2753	4741	2106	1643
MAX	9290	6750	4810	15000	29200	12300	9230	5190	3340	6710	3000	2310
MIN	3480	3410	3370	4780	9380	6950	3950	3080	2450	3030	1760	1460
CFSM	.53	.39	.33	.68	1.48	.74	.50	.34	.24	.41	.18	.14
IN.	.61	.43	.38	.79	1.54	.85	.56	.39	.26	.47	.21	.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 1999, BY WATER YEAR (WY)

MEAN	5625	6135	10570	16760	23460	25370	19180	10050	6907	6348	6163	4879
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	2302	1796	1902	1643
(WY)	1982	1982	1988	1981	1989	1999	1986	1986	1988	1988	1988	1999

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1949 - 1999

ANNUAL TOTAL	7982550	2074700	
ANNUAL MEAN	21870	5684	11850
HIGHEST ANNUAL MEAN			25530 1998
LOWEST ANNUAL MEAN			5210 1988
HIGHEST DAILY MEAN	142000 Mar 16	29200 Feb 12	142000 Mar 16 1998
LOWEST DAILY MEAN	3020 Jul 9	1460 Sep 13	1460 Sep 13 1999
ANNUAL SEVEN-DAY MINIMUM	3110 Jul 6	1480 Sep 12	1480 Sep 12 1999
INSTANTANEOUS PEAK FLOW		29500 Feb 12	144000 Mar 16 1998
INSTANTANEOUS PEAK STAGE		14.59 Feb 12	24.15 Mar 16 1998
ANNUAL RUNOFF (CFSM)	1.89	.49	1.02
ANNUAL RUNOFF (INCHES)	25.60	6.65	13.87
10 PERCENT EXCEEDS	50900	10600	26300
50 PERCENT EXCEEDS	7670	4270	7130
90 PERCENT EXCEEDS	3600	1860	2720

STATISTICS COMPUTED BY: sjones

DATE: 06/26/2000 AT: 16:30:25