

ALTAMAHA RIVER BASIN

02226000

ALTAMAHA RIVER AT DOCTORTOWN, GA.

Latitude: 31° 39' 16" Longitude: 81° 49' 41" Hydrologic Unit Code: 03070106

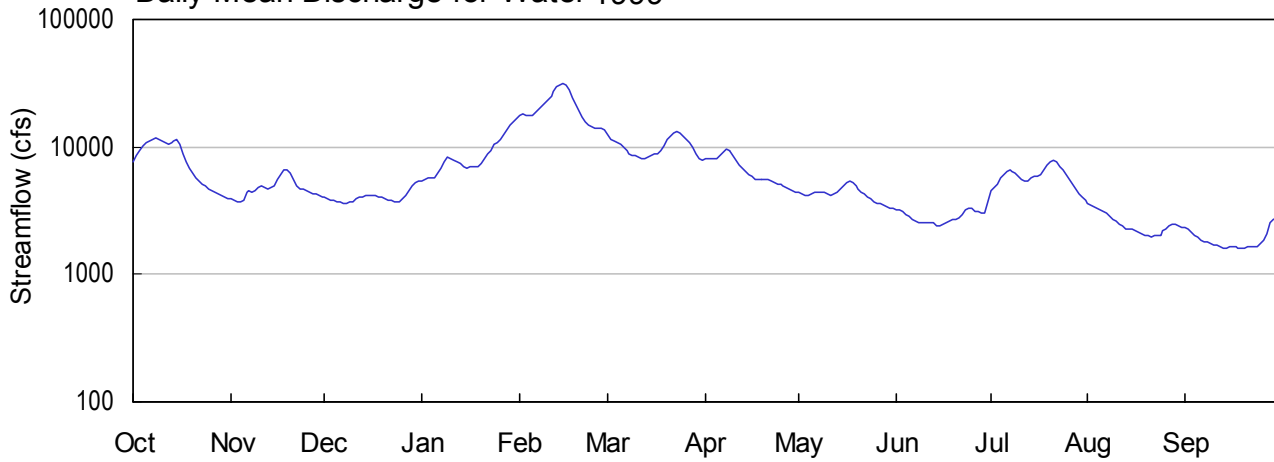
Wayne County

Drainage Area: 13600. mi<sup>2</sup>

Datum: 24.48 feet

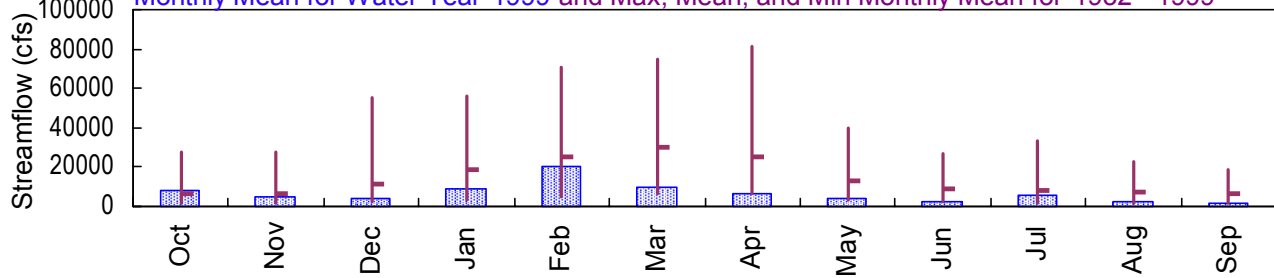
Period of Record: 1932 - 1999

Daily Mean Discharge for Water 1999

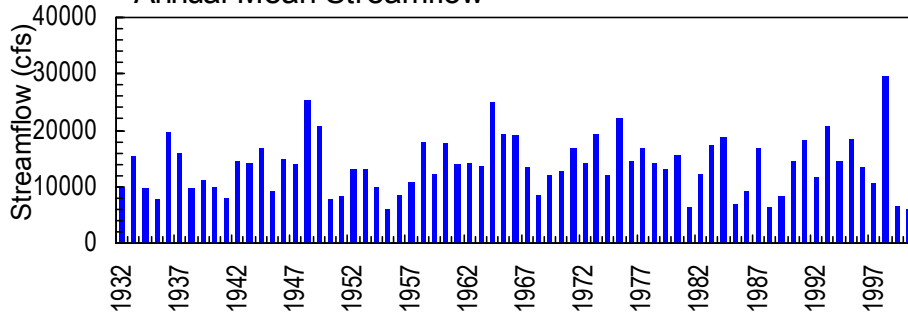


Monthly Statistics

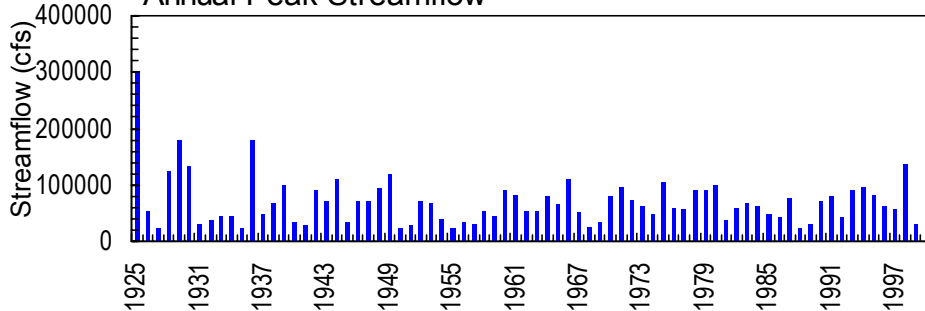
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1932 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



USGS  
science for a changing world

02226000 - Altamaha River at Doctortown, GA

**ALTAMAHA RIVER BASIN  
1999 Water Year**

**02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA**

**LOCATION.**--Lat 31°39'16", long 81°49'41", Wayne-Long County line, Hydrologic Unit 03070106, on right bank 60 feet downstream from Seaboard Coast Line Railroad bridge at Doctortown, 4.5 miles northeast of Jesup, and at mile 64.5.

**DRAINAGE AREA.**--13,600 mi<sup>2</sup>, approximately.

**PERIOD OF RECORD.**--October 1931 to current year. Gage-heights collected at same site since 1925 are contained in reports of National Weather Service.

**REVISED RECORDS.**--WSP 822: Drainage area.

**GAGE.**--Water-stage recorder. Datum of gage is 24.48 feet above sea level. Prior to Sept. 5, 1934, non-recording gage, and Sept. 5, 1934 to Sept. 30, 1975, water-stage recorder at same site at datum 4.0 feet higher.

**REMARKS.**--Records good. Records of chemical analyses for the water years 1967-77 are published in reports of the U.S. Geological Survey.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Maximum stage known since at least 1800, 18.6 feet, present datum, Jan. 23, 1925, discharge, 300,000 ft<sup>3</sup>/s, from rating curve extended above 180,000 ft<sup>3</sup>/s.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 30,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Feb. 15	0800	31,600*	11.12*

STATION NUMBER 02226000 ALTAMAHA RIVER AT DOCTORTOWN, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 313916 LONGITUDE 0814941 DRAINAGE AREA 13600 DATUM 24.48 STATE 13 COUNTY 305

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	7660	3890	4020	5470	17900	12600	7980	4370	3230	4550	3620	2320
2	8530	3800	3940	5570	18000	11600	8050	4240	3170	4760	3450	2260
3	9280	3760	3850	5680	17700	11000	8030	4130	3090	5140	3380	2150
4	10200	3750	3770	5640	17600	10700	8080	4140	2970	5690	3320	2030
5	10700	3860	3710	5790	17900	10400	8180	4240	2840	6120	3200	1940
6	11100	4420	3660	6180	18700	9790	8490	4350	2730	6430	3090	1860
7	11600	4530	3610	6740	19600	9270	9110	4440	2640	6620	2990	1810
8	11700	4450	3590	7620	20700	8900	9660	4440	2570	6470	2860	1810
9	11400	4570	3660	8220	22000	8640	9380	4370	2510	6270	2710	1770
10	11100	4810	3740	8150	23600	8480	8620	4300	2510	5950	2620	1720
11	10900	4980	3880	7800	25300	8330	7850	4220	2510	5520	2500	1680
12	10500	4780	4000	7660	27300	8190	7210	4240	2520	5360	2390	1650
13	10700	4700	4060	7350	29300	8140	6730	4400	2510	5420	2300	1620
14	11200	4840	4110	6960	30900	8410	6350	4670	2420	5720	2270	1610
15	11400	5020	4150	6880	31500	8630	6090	4940	2370	5960	2250	1650
16	10400	5540	4170	6990	30500	8720	5850	5200	2440	5910	2180	1640
17	8840	6050	4160	7020	27800	8890	5600	5360	2570	6020	2110	1630
18	7650	6520	4090	7050	24500	9380	5480	5270	2640	6540	2060	1590
19	6770	6670	3990	7050	21500	10300	5480	4960	2660	7150	2040	1590
20	6180	6230	3910	7440	19100	11400	5560	4620	2680	7550	2030	1610
21	5790	5580	3840	8120	17200	12300	5580	4410	2750	7760	1990	1660
22	5440	4990	3780	8800	15700	13000	5390	4250	2940	7560	2020	1670
23	5130	4670	3740	9480	14700	13200	5190	4090	3220	7080	2030	1650
24	4880	4630	3720	10600	14300	12900	5070	3930	3340	6570	2010	1670
25	4700	4560	3740	10900	14200	12200	5070	3750	3310	6040	2180	1760
26	4530	4390	3960	11600	14100	11500	4930	3620	3140	5550	2270	1860
27	4390	4270	4150	12600	14000	10900	4760	3550	3080	5060	2430	2070
28	4260	4230	4520	13700	13500	9920	4640	3500	3050	4650	2460	2510
29	4160	4180	5000	14800	---	8800	4540	3440	3000	4330	2450	2660
30	4070	4090	5300	15800	---	8170	4450	3350	3700	4060	2410	2760
31	3980	---	5380	16800	---	7920	---	3280	---	3830	2360	---

TOTAL	249140	142760	125200	270460	579100	312580	197400	132070	85110	181640	77980	56210
MEAN	8037	4759	4039	8725	20680	10080	6580	4260	2837	5859	2515	1874
MAX	11700	6670	5380	16800	31500	13200	9660	5360	3700	7760	3620	2760
MIN	3980	3750	3590	5470	13500	7920	4450	3280	2370	3830	1990	1590
CFSM	.59	.35	.30	.64	1.52	.74	.48	.31	.21	.43	.18	.14
IN.	.68	.39	.34	.74	1.58	.85	.54	.36	.23	.50	.21	.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 1999, BY WATER YEAR (WY)

MEAN	6310	6292	11310	18820	25400	29750	25380	13040	8668	7740	7661	6102
MAX	27680	27850	55570	56050	70970	74520	80960	39850	26650	33290	23090	18630
(WY)	1995	1948	1949	1998	1998	1998	1936	1964	1966	1994	1964	1949
MIN	1748	1789	2688	3568	4512	6795	6191	2991	2418	1802	1861	1874
(WY)	1955	1955	1955	1981	1989	1938	1985	1986	1988	1988	1988	1999

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1932 - 1999

ANNUAL TOTAL	9221240	2409650	
ANNUAL MEAN	25260	6602	13810
HIGHEST ANNUAL MEAN			29390 1998
LOWEST ANNUAL MEAN			5996 1955
HIGHEST DAILY MEAN	133000 Mar 19	31500 Feb 15	178000 Apr 18 1936
LOWEST DAILY MEAN	3260 Jul 11	1590 Sep 18	1430 Oct 27 1954
ANNUAL SEVEN-DAY MINIMUM	3380 Jul 8	1620 Sep 14	1460 Oct 27 1954
INSTANTANEOUS PEAK FLOW		31600 Feb 15	178000 Apr 18 1936
INSTANTANEOUS PEAK STAGE		11.12 Feb 15	16.03 Apr 18 1936
INSTANTANEOUS LOW FLOW		1570 Sep 20	1430 Oct 27 1954
ANNUAL RUNOFF (CFSM)	1.86	.49	1.02
ANNUAL RUNOFF (INCHES)	25.22	6.59	13.80
10 PERCENT EXCEEDS	67800	12600	31800
50 PERCENT EXCEEDS	9050	4840	8240
90 PERCENT EXCEEDS	3920	2260	3300

STATISTICS COMPUTED BY: rnichols

DATE: 10/26/2000 AT: 14:08:25