

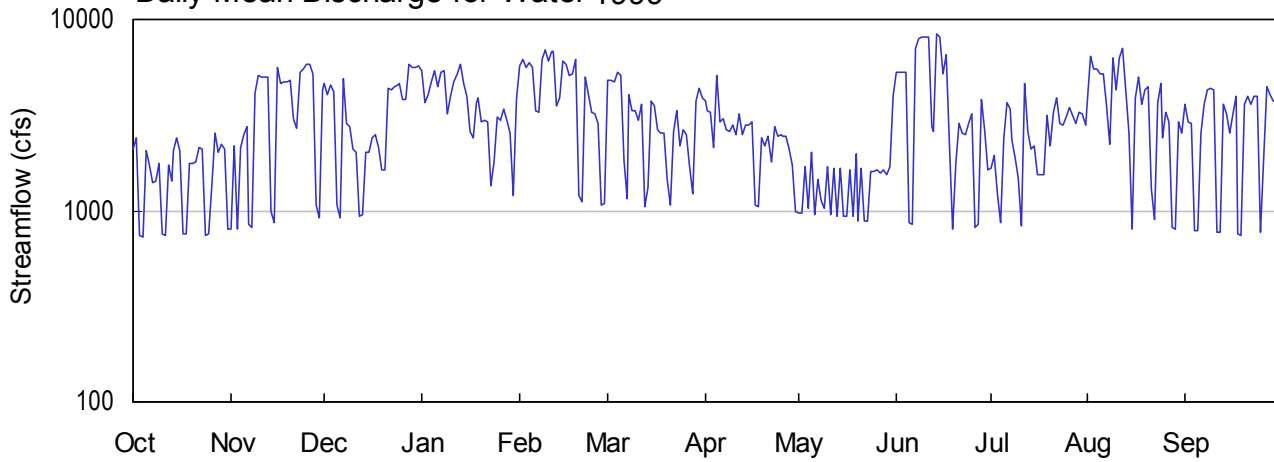
APALACHICOLA RIVER BASIN

02339500

CHATTAHOOCHEE RIVER AT WEST POINT, GA.

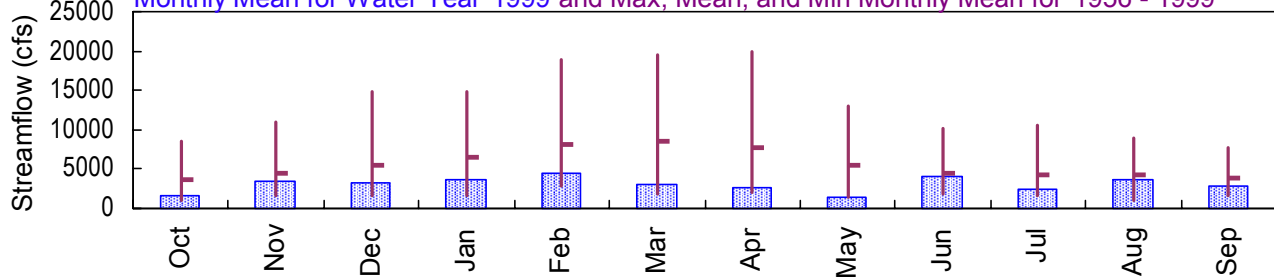
Latitude: 32° 53' 10" Longitude: 85° 10' 56" Hydrologic Unit Code: 03130002 Troup County
 Drainage Area: 3550.0 mi² Datum: 551.6 feet Period of Record: 1956 - 1999

Daily Mean Discharge for Water 1999

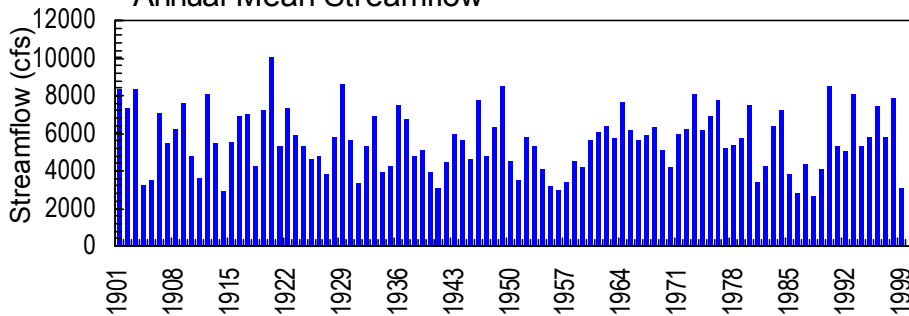


Monthly Statistics

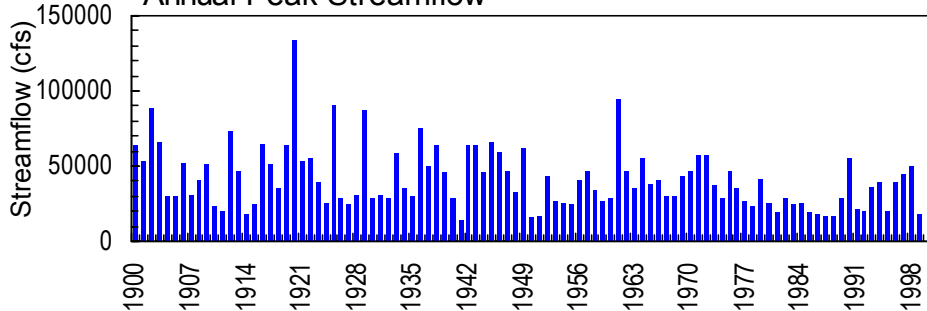
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1956 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



USGS 02339500 - Chattahoochee River at West Point, GA

APALACHICOLA RIVER BASIN
1999 Water Year

02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA

LOCATION.--Lat 32°53'10", long 85°10'56", Troup County, Hydrologic Unit 03130002, on right bank just downstream from Oseligee Creek at West Point, 1 mile upstream from bridge on U.S. Highway 29, 2.5 miles downstream from West Point Dam and at mile 198.9.

DRAINAGE AREA.--3,550 mi², approximately.

PERIOD OF RECORD.--August 1896 to current year. Gage-height records collected at site 0.8 miles downstream since 1899 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 682: 1920, drainage area. WSP 972: 1931-32. WSP 1504: 1912, 1916-17.

GAGE.--Water-stage recorder. Datum of gage is 551.67 feet above sea level. Prior to Oct. 20, 1912, non-recording gage located at site 0.8 miles downstream at datum 2.83 feet lower. From Oct. 20, 1912, to Jan. 25, 1925, non-recording gage located at site 500 feet upstream at present datum.

REMARKS.--Records good, except those discharges below 4,000 ft³/s, which are fair. Flow regulated by Lake Sidney Lanier since January 1956 and by West Point Lake since October 1974 (See "Lakes and Reservoirs in Apalachicola River Basin", stations 02334400 and 02339400).

AVERAGE DISCHARGE.--103 years, 5,607 ft³/s, 21.45 in/yr, unadjusted.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1827, that of Dec. 10, 1919. Flood in 1886 reached a stage of 25.6 feet at former site and datum, from flood marks, by National Weather Service, discharge 92,800 ft³/s.

STATION NUMBER 02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 325310 LONGITUDE 0851056 DRAINAGE AREA 3550.00 DATUM 551.67 STATE 13 COUNTY 285
 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	2120	795	4640	5400	5760	4770	3720	978	5290	1670	3760	3600
2	2390	2180	4050	3660	6220	4800	3360	973	5310	1960	6470	2890
3	735	809	4520	4010	5630	4750	3280	1690	5290	1230	5520	2860
4	734	2130	4190	4690	6000	5250	2130	1020	5330	870	5530	789
5	2070	2480	1080	5440	5660	5120	5080	2020	865	2390	5210	789
6	1720	2760	925	4410	3320	1850	2890	962	852	3700	5230	2530
7	1410	848	4890	5260	3280	1150	3010	1460	7040	3430	3520	3600
8	1440	815	2840	5420	6140	4040	2640	1140	7990	2370	2230	4310
9	1750	4120	2730	3200	6920	3330	2580	1030	8160	1920	6300	4340
10	753	5060	2100	4000	6090	3310	2820	1710	8110	1490	4260	4300
11	738	5020	2020	4750	6820	2960	2500	947	8130	831	6290	777
12	1730	5000	932	5150	6750	3630	3230	1670	2730	4610	7020	767
13	1420	5020	945	5780	3520	1040	2500	935	2600	2580	4310	3600
14	2050	988	2030	4660	3910	1320	2810	1670	8440	2080	2530	3210
15	2380	870	2010	3990	6080	3740	2830	930	8070	2190	808	2530
16	2040	5600	2390	2600	5790	3540	2920	929	5220	1530	3920	3210
17	757	4590	2490	2420	5080	2640	1080	1650	6550	1550	4950	3940
18	750	4730	2150	3670	5210	2550	1040	930	2230	1540	3570	751
19	1780	4700	1650	3890	6190	2540	2420	1970	804	3170	4250	736
20	1770	4830	1640	2920	1200	1460	2170	880	1780	2170	4430	3590
21	1790	3040	4330	2980	1120	1080	2450	1660	2880	3260	1300	3950
22	2140	2690	4250	2930	4960	2610	1790	880	2560	3870	902	3630
23	2120	5310	4490	1340	4080	3310	2730	878	2510	2840	3690	3990
24	742	5480	4570	1810	3250	2180	2450	1610	2840	2830	4660	3990
25	754	5840	4630	3100	3220	2630	2480	1590	3220	3110	2420	769
26	1340	5830	3840	2970	2870	2500	2440	1620	814	3470	3290	1880
27	2530	5170	3810	3370	1080	1690	2460	1580	849	3140	2940	4460
28	2030	1060	5830	2950	1100	1230	2090	1620	3780	2840	819	4050
29	2240	913	5610	2530	---	3760	1740	1530	2670	3240	806	3710
30	2090	4320	5600	1210	---	4360	982	1700	1620	3180	2910	3750
31	797	---	5720	3780	---	3920	---	3940	---	2830	2550	---

TOTAL	49110	102998	102902	114290	127250	93060	76622	44102	124534	77891	116395	87298
MEAN	1584	3433	3319	3687	4545	3002	2554	1423	4151	2513	3755	2910
MAX	2530	5840	5830	5780	6920	5250	5080	3940	8440	4610	7020	4460
MIN	734	795	925	1210	1080	1040	982	878	804	831	806	736
CFSM	.45	.97	.94	1.04	1.28	.85	.72	.40	1.17	.71	1.06	.82
IN.	.51	1.08	1.08	1.20	1.33	.98	.80	.46	1.30	.82	1.22	.91

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1956 - 1999, BY WATER YEAR (WY)

MEAN	3702	4403	5396	6602	8105	8582	7641	5555	4556	4349	4357	3872
MAX	8536	10950	14880	14930	18980	19540	19940	13000	10250	10560	8890	7782
(WY)	1990	1993	1993	1972	1990	1990	1964	1964	1973	1994	1984	1994
MIN	948	1601	1592	1574	2766	1921	1961	1423	1807	1672	1068	1606
(WY)	1956	1956	1956	1956	1989	1988	1988	1999	1978	1988	1956	1986

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1956 - 1999

ANNUAL TOTAL		2597297		1116452								
ANNUAL MEAN		7116		3059						5580		
HIGHEST ANNUAL MEAN										8501		1990
LOWEST ANNUAL MEAN										2644		1988
HIGHEST DAILY MEAN		47300	Mar 9		8440	Jun 14				80000	Feb 26	1961
LOWEST DAILY MEAN		700	Sep 27		734	Oct 4				516	Sep 12	1993
ANNUAL SEVEN-DAY MINIMUM		1320	Oct 7		1230	Apr 30				659	Sep 2	1957
INSTANTANEOUS PEAK FLOW					18300	Mar 5				94400	Feb 26	1961
INSTANTANEOUS PEAK STAGE						9.41	Mar 5			24.90	Feb 26	1961
ANNUAL RUNOFF (CFSM)		2.00				.86				1.57		
ANNUAL RUNOFF (INCHES)		27.22				11.70				21.36		
10 PERCENT EXCEEDS		13600			5460					10300		
50 PERCENT EXCEEDS		5540			2830					4450		
90 PERCENT EXCEEDS		933			920					1020		

STATISTICS COMPUTED BY: cmhacke

DATE: 04/27/2000 AT: 18:43:59