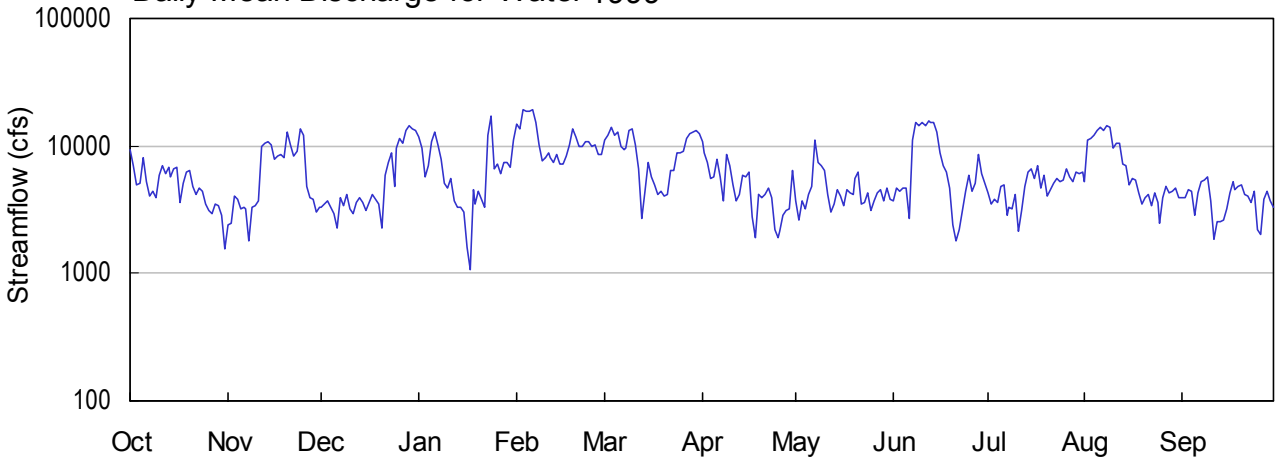
APALACHICOLA RIVER BASIN

02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, ALA.

Latitude: 31°15'33" Longitude: 85°06'37" Hydrologic Unit Code: 03130004 Early County

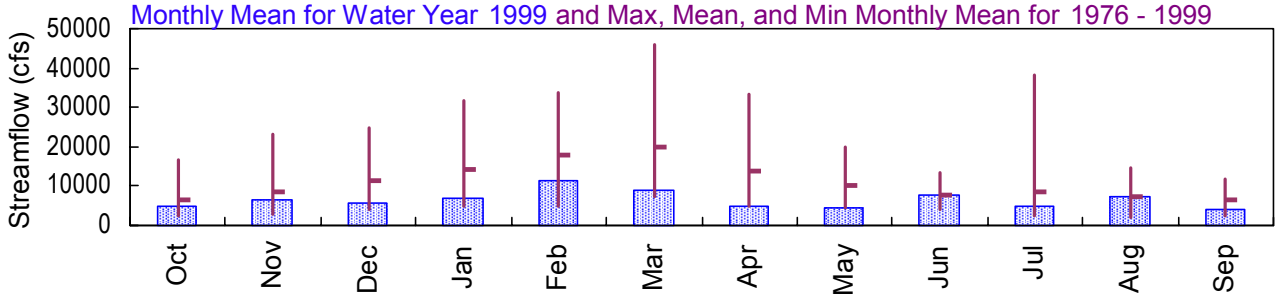
Drainage Area: 8210.0 mi^2 Datum: 0.00 feet Period of Record: 1976 - 1999

Daily Mean Discharge for Water 1999

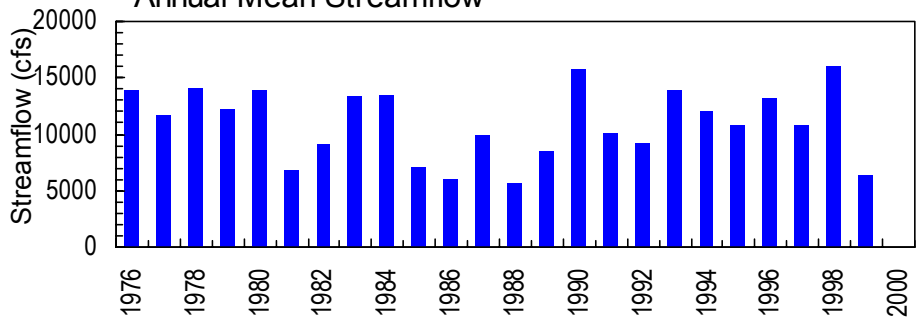


Monthly Statistics

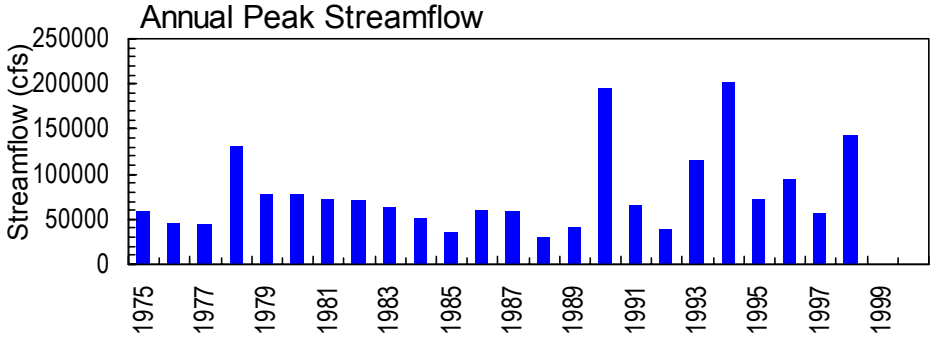
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1976 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



APALACHICOLA RIVER BASIN
1999 Water Year

02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL

LOCATION.--Lat 31°15'33", long 85°06'37", Early County, GA-Houston County, AL, Hydrologic Unit 03130004, at left end of George W. Andrews Lock and Dam, 1.3 miles downstream from Omusee Creek, 2.3 miles south of Columbia, AL, and at mile 46.5.

DRAINAGE AREA.--8,210 mi^2, approximately.

PERIOD OF RECORD.--October 1975 to current year.

GAGE.—Satellite transmitter with gate-opening and water-stage recorders. Datum of headwater gage and tail-water gage is sea level.

REMARKS.--Records good. Flow regulated by Lake Sidney Lanier, West Point Lake, Lake Harding, Walter F. George Lake, and George W. Andrews Reservoir (See "Lakes and Reservoir in Apalachicola River Basin," stations 02334400, 02339400, 02341000, and 02343240). No adjustments were made for George W. Andrews Reservoir's annual change in contents, which is considered insignificant.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 1929, thought to be the highest since 1827, based on station on Chattahoochee River at Columbia, Al., 2.4 miles upstream.

STATION NUMBER 02343801 CHATTAHOOCHEE R AT ANDREWS L&D NR COLUMBIA, ALA. STREAM SOURCE AGENCY USGS
LATITUDE 311533 LONGITUDE 0850637 DRAINAGE AREA 8210.00 DATUM STATE 13 COUNTY 099

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	e9450	2410	3320	e11900	14700	11200	e10700	3700	3720	e4240	5260	3920
2	e6990	2470	3540	9590	13700	12100	8740	2610	4620	3490	11000	3980
3	4990	4090	3670	5780	19100	13900	7370	3670	4400	3810	11400	4560
4	5080	3800	3350	6960	18700	12200	5560	3200	4670	3560	12300	4360
5	7990	3240	2980	10800	18800	12700	5650	4180	4630	4750	13200	2870
6	5300	3300	2270	13000	19300	9910	7750	4860	2680	4890	14100	4330
7	4070	3220	3960	10100	15500	9230	5680	11000	11100	2850	13200	5210
8	4390	1790	3410	7790	10200	9560	3660	7440	15100	3350	14600	5460
9	3900	3310	4110	5140	7630	13300	8590	7040	14600	3220	14200	5710
10	5960	3360	3190	4610	8100	13700	6910	6410	15200	4160	9750	3710
11	6910	3720	2980	5520	8920	10100	4970	4160	14400	2140	10400	1870
12	6110	9870	3610	3710	8080	6690	3710	3010	15600	3090	10400	2540
13	6870	10600	3940	3290	7340	2700	4120	3450	15200	4780	7280	2520
14	5730	10700	3640	3340	8450	4410	5850	4540	15400	6270	7100	2610
15	6670	10100	3110	2990	7140	7350	5670	4000	13000	6660	4990	3250
16	6770	7890	3590	1610	7240	5660	6260	3360	8760	5550	5600	4300
17	3650	8240	4150	1080	8430	5020	2760	4520	6910	7060	5400	5170
18	5030	8660	3860	4580	10200	4160	1890	4250	6270	4660	4320	4570
19	6260	8090	3540	3500	13500	4430	4160	4180	4650	5880	3450	4840
20	6460	13000	2260	4420	11800	3990	3950	5630	2390	4090	3970	4950
21	4820	10100	5810	3830	10000	4190	4130	6220	1820	4480	4200	4180
22	4190	8420	7500	3310	9880	6370	4690	3480	2190	5130	3410	4070
23	4640	9100	8720	12300	10700	6480	3980	3650	3120	5480	4300	3570
24	4460	13600	4810	17400	10700	8800	2200	4340	4390	5300	3560	4390
25	3470	12300	9690	6540	9940	8860	1900	3100	5900	5450	2450	2220
26	3080	4740	11300	7150	10300	9020	2170	3690	4350	6520	3960	2010
27	2960	3960	10600	6090	8630	11500	2850	4330	5160	5800	4810	3770
28	3520	3870	13400	7520	8540	12500	3160	4520	8500	5300	4270	4390
29	3400	3020	14300	7510	---	13000	3250	3660	6110	6180	4350	3660
30	2830	3300	13700	6870	---	13100	6440	4610	5080	6100	4670	3330
31	1550	---	13200	11100	---	12500	---	3800	---	6270	3920	---

TOTAL	157500	194270	181510	209330	315520	278630	148720	140610	229920	150510	225820	116320
MEAN	5081	6476	5855	6753	11270	8988	4957	4536	7664	4855	7285	3877
MAX	9450	13600	14300	17400	19300	13900	10700	11000	15600	7060	14600	5710
MIN	1550	1790	2260	1080	7140	2700	1890	2610	1820	2140	2450	1870
CFSM	.62	.79	.71	.82	1.37	1.09	.60	.55	.93	.59	.89	.47
IN.	.71	.88	.82	.95	1.43	1.26	.67	.64	1.04	.68	1.02	.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 1999, BY WATER YEAR (WY)

MEAN	6702	8379	11580	14070	17780	20090	14020	9964	7527	8338	7372	6493
MAX	16730	23290	24660	31670	33800	45900	33400	19950	13590	38070	14550	11630
(WY)	1976	1993	1993	1978	1998	1990	1979	1980	1976	1994	1984	1994
MIN	2385	2998	4032	4726	4856	7227	4957	4536	3953	2425	2045	2265
(WY)	1987	1982	1982	1981	1989	1981	1999	1999	1986	1988	1988	1986

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR		FOR 1999 WATER YEAR		WATER YEARS 1976 - 1999	
ANNUAL TOTAL	5159880		2348660			
ANNUAL MEAN	14140		6435		11000	
HIGHEST ANNUAL MEAN					16050	1998
LOWEST ANNUAL MEAN					5718	1988
HIGHEST DAILY MEAN	138000	Mar 9	19300	Feb 6	195000	Jul 7 1994
LOWEST DAILY MEAN	1550	Oct 31	1080	Jan 17	.00	Nov 22 1987
ANNUAL SEVEN-DAY MINIMUM	2730	Oct 27	2730	Oct 27	1640	May 14 1985
INSTANTANEOUS PEAK FLOW			24000	Jun 27	202000	Jul 7 1994
INSTANTANEOUS PEAK STAGE			103.82	Apr 4	123.98	Jul 7 1994
ANNUAL RUNOFF (CFSM)	1.72		.78		1.34	
ANNUAL RUNOFF (INCHES)	23.38		10.64		18.20	
10 PERCENT EXCEEDS	28300		12500		21800	
50 PERCENT EXCEEDS	8840		4990		8710	
90 PERCENT EXCEEDS	3380		3020		1720	

STATISTICS COMPUTED BY: gabailey DATE: 01/02/2001 AT: 16:07:59

e Estimated