

APALACHICOLA RIVER BASIN

02337000

SWEETWATER CREEK NEAR AUSTELL, GA.

Latitude: 33° 46' 22"

Longitude: 84° 36' 53"

Hydrologic Unit Code: 03130002

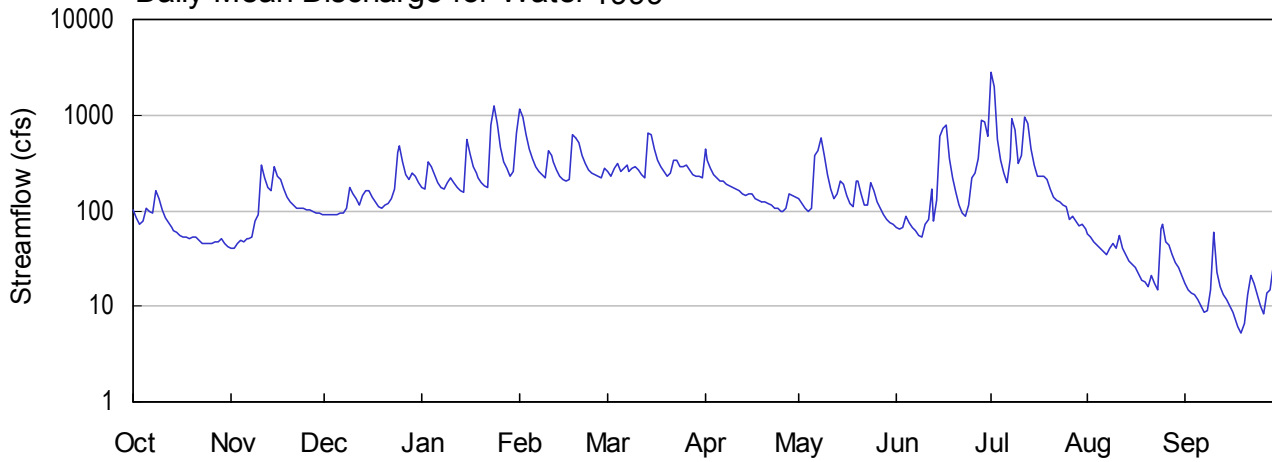
Douglas County

Drainage Area: 246.00 mi²

Datum: 857.0 feet

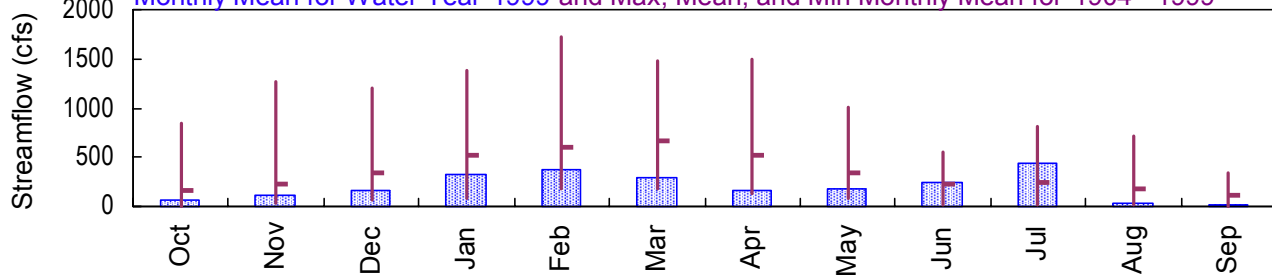
Period of Record: 1904 - 1999

Daily Mean Discharge for Water 1999

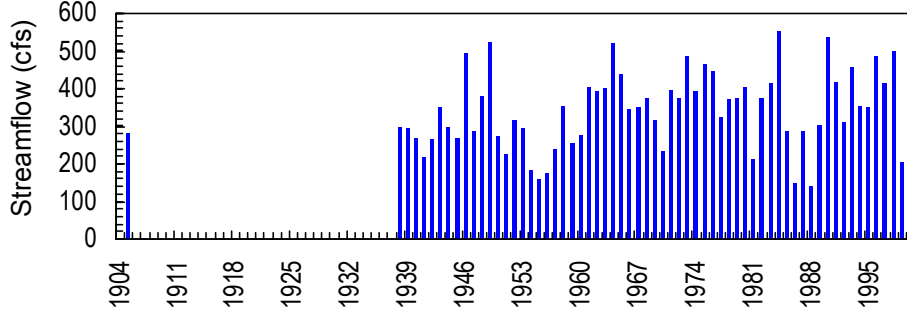


Monthly Statistics

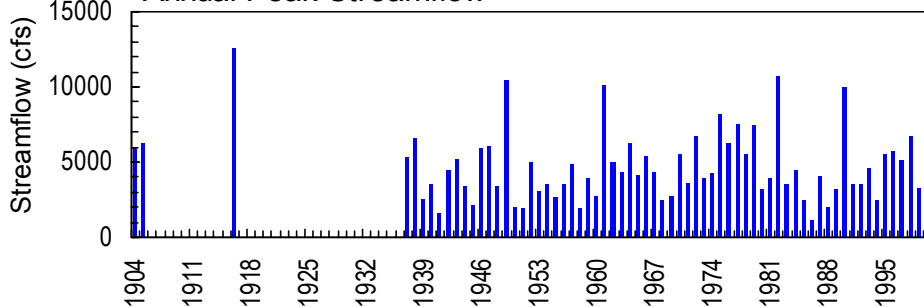
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1904 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



02337000 - Sweetwater Creek near Austell, GA - March 12, 1973

**APALACHICOLA RIVER BASIN
1999 Water Year**

02337000 SWEETWATER CREEK NEAR AUSTELL, GA

LOCATION.--Lat 33°46'22", long 84°36'53", Douglas County, Hydrologic Unit 03130002, on right bank 100 feet upstream from bridge on Interstate Highway 20, 400 feet upstream from Blair Bridge, 3.0 miles southeast of Austell, and 5.5 miles upstream from mouth.

DRAINAGE AREA.--246 mi².

PERIOD OF RECORD.--May 1904 to December 1905, November to December 1913, March 1937 to current year. Monthly discharge only for November to December 1913, published in WSP 1304.

REVISED RECORDS.--WSP 1724: 1949(M). WDR GA-79-1: 1975(M).

GAGE.--Water-stage recorder. Datum of gage is 857.01 feet above sea level (levels by U.S. Army Corps of Engineers). From May 6, 1904, to December 31, 1905, and November 3 to December 27, 1913, non-recording gage located at site 2.5 miles upstream at different datum. From March 24 to November 29, 1937, non-recording gage located at present site and datum.

REMARKS.--Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of July 8, 1916 reached a stage of about 20.0 feet, from information by local resident; discharge, 12,600 ft³/s.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than a base discharge of 1,800 ft³/s and maximum(*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Jul. 1	1800	3,340*	9.65*

STATION NUMBER 02337000 SWEETWATER CREEK NEAR AUSTELL, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 334622 LONGITUDE 0843653 DRAINAGE AREA 246.00 DATUM 857.01 STATE 13 COUNTY 097

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	101	41	91	172	1170	262	438	133	68	2820	58	17
2	85	41	90	169	959	231	336	119	64	2010	52	15
3	72	45	91	324	631	277	276	108	68	548	47	14
4	79	49	92	293	443	306	238	99	86	335	43	13
5	106	48	91	241	349	262	219	107	76	250	41	12
6	99	50	93	193	290	278	205	381	68	198	37	10
7	96	50	94	172	255	296	201	421	61	346	34	8.8
8	160	53	105	171	236	260	190	585	56	929	41	9.0
9	134	78	173	193	223	281	183	375	52	691	45	15
10	102	90	148	217	430	289	175	239	73	307	40	60
11	84	299	131	193	385	268	169	170	82	373	54	23
12	74	222	116	173	319	241	160	136	169	964	40	16
13	66	175	144	160	265	224	148	152	78	812	34	13
14	62	161	163	157	231	657	142	204	128	449	30	12
15	59	285	159	551	214	615	148	186	610	299	28	10
16	55	227	137	397	205	445	148	147	720	226	25	8.6
17	53	214	123	290	208	335	134	120	777	225	22	7.0
18	52	166	112	252	612	286	127	112	356	232	19	6.2
19	50	138	108	219	567	256	125	207	218	211	18	5.2
20	52	124	115	196	515	230	122	202	154	166	16	6.6
21	53	115	117	182	385	243	119	152	115	139	21	13
22	49	107	136	173	308	331	115	115	95	129	17	21
23	46	104	169	779	265	337	108	115	86	124	15	17
24	45	105	409	1260	248	286	104	199	115	115	65	13
25	45	103	469	802	239	292	99	159	219	109	71	10
26	46	101	323	464	226	303	99	123	249	82	47	8.2
27	47	100	242	330	218	269	105	105	356	88	43	14
28	47	96	211	274	274	238	152	91	874	79	35	15
29	50	93	251	233	---	230	142	81	863	70	29	26
30	45	91	226	257	---	226	141	76	595	72	25	36
31	42	---	195	658	---	221	---	73	---	65	21	---

TOTAL	2156	3571	5124	10145	10670	9275	5068	5492	7531	13463	1113	454.6
MEAN	69.5	119	165	327	381	299	169	177	251	434	35.9	15.2
MAX	160	299	469	1260	1170	657	438	585	874	2820	71	60
MIN	42	41	90	157	205	221	99	73	52	65	15	5.2
CFSM	.28	.48	.67	1.33	1.55	1.22	.69	.72	1.02	1.77	.15	.06
IN.	.33	.54	.77	1.53	1.61	1.40	.77	.83	1.14	2.04	.17	.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1904 - 1999, BY WATER YEAR (WY)

MEAN	161	228	348	514	595	664	527	338	226	236	182	121
MAX	852	1265	1196	1378	1727	1473	1494	1007	560	805	722	346
(WY)	1990	1949	1984	1972	1961	1990	1979	1991	1989	1905	1904	1950
MIN	5.66	25.7	68.8	81.6	183	173	130	87.5	20.7	15.8	23.0	4.36
(WY)	1955	1955	1956	1956	1938	1988	1986	1988	1988	1986	1954	1954

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1904 - 1999

ANNUAL TOTAL	157474	74062.6		
ANNUAL MEAN	431	203	341	
HIGHEST ANNUAL MEAN			553	1984
LOWEST ANNUAL MEAN			141	1988
HIGHEST DAILY MEAN	6400	Mar 9	2820	Jul 1
LOWEST DAILY MEAN	38	Sep 18	5.2	Sep 19
ANNUAL SEVEN-DAY MINIMUM	41	Sep 14	7.9	Sep 14
INSTANTANEOUS PEAK FLOW			3340	Jul 1
INSTANTANEOUS PEAK STAGE			9.66	Jul 1
INSTANTANEOUS LOW FLOW			5.4	Sep 20
ANNUAL RUNOFF (CFSM)	1.75		.82	
ANNUAL RUNOFF (INCHES)	23.81		11.20	
10 PERCENT EXCEEDS	814		402	
50 PERCENT EXCEEDS	211		137	
90 PERCENT EXCEEDS	53		25	

STATISTICS COMPUTED BY: ccfulk

DATE: 02/25/2000 AT: 10:24:45