

APALACHICOLA RIVER BASIN
 MUCKALEE CREEK NEAR LEESBURG, GA.

02351890

Latitude: 31° 46' 34" Longitude: 84° 08' 22" Hydrologic Unit Code: 03130007

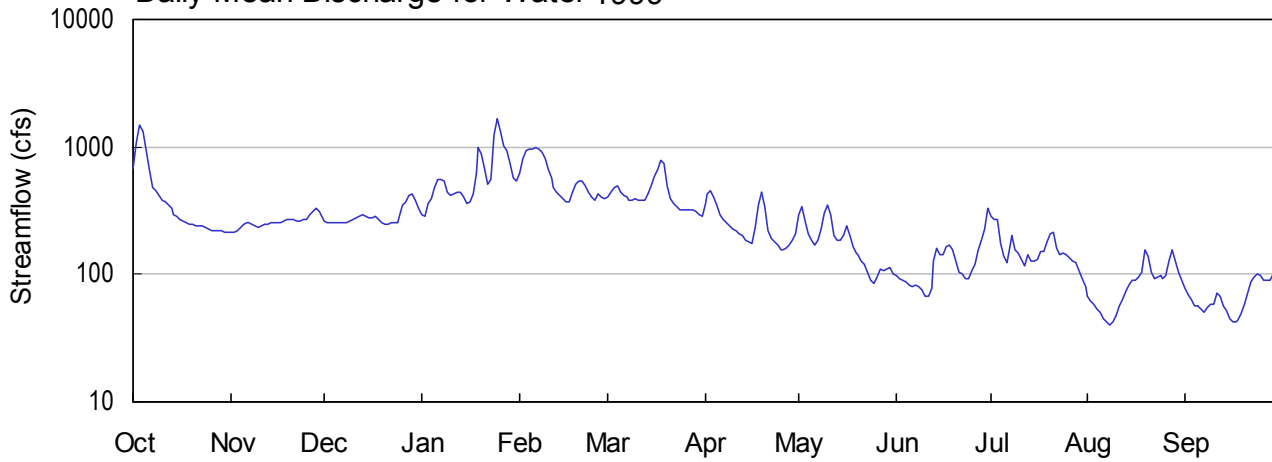
Lee County

Drainage Area: 362.00 mi²

Datum: 220.0 feet

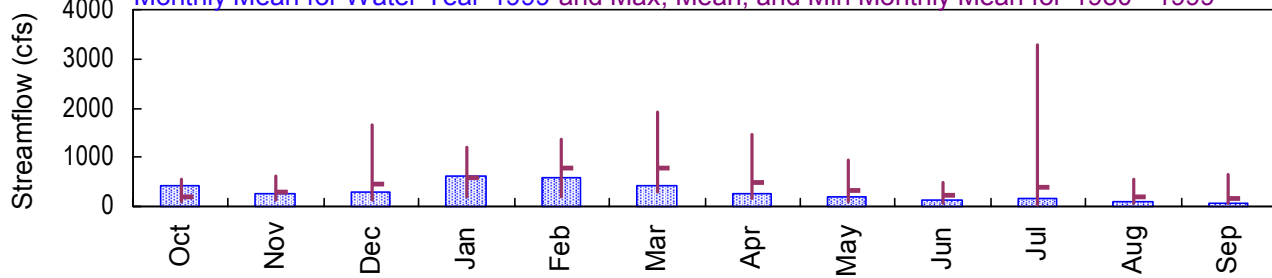
Period of Record: 1980 - 1999

Daily Mean Discharge for Water 1999

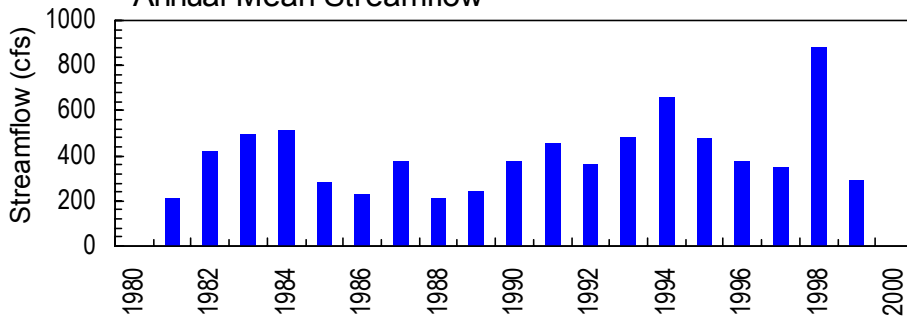


Monthly Statistics

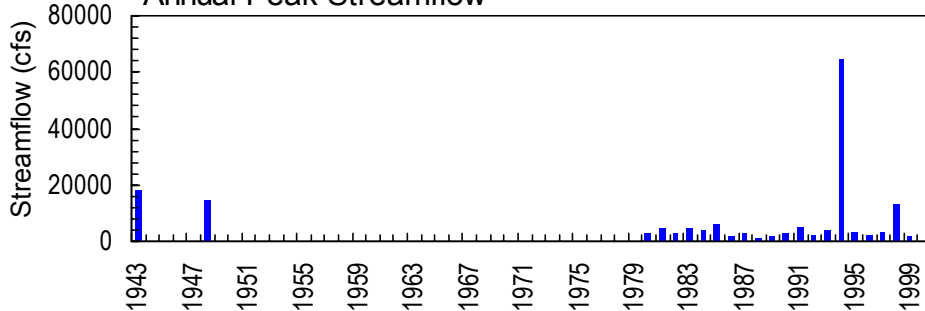
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1980 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



**APALACHICOLA RIVER BASIN
1999 Water Year**

**02351890 MUCKALEE CREEK AT STATE HIGHWAY 195,
NEAR LEESBURG, GA**

LOCATION.--Lat 31°46'34", long 84°08'22", Lee County, Hydrologic Unit 03130007, on downstream end of bridge pier on State Highway 195, 75 feet downstream from White Oak Branch, 3.3 miles downstream from Muckaloochee Creek, and 4.0 miles northeast of Leesburg.

DRAINAGE AREA.--362 mi².

PERIOD OF RECORD.--December 1979 to current year.

REVISED RECORDS.--WRD GA-82-1: 1980(P), 1981(P).

GAGE.--Water-stage recorder. Elevation of gage is 220 feet above sea level (from topographic map).

REMARKS.--Records good. Discharges during growing season affected by undetermined amount of irrigation withdrawal.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,200 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Oct. 3	1700	1,540	10.75
Jan. 25	0300	1,730*	11.04*

STATION NUMBER 02351890 MUCKALEE CREEK AT ST RT 195 NEAR LEESBURG, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 314634 LONGITUDE 0840822 DRAINAGE AREA 362.00 DATUM 220 STATE 13 COUNTY 177

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	671	214	262	295	626	408	362	290	97	282	67	77
2	1090	213	255	288	805	445	433	337	92	271	62	69
3	1490	219	254	359	932	487	448	260	90	268	58	63
4	1330	233	254	389	963	497	401	210	88	175	53	57
5	946	249	252	477	975	438	345	183	82	140	51	56
6	668	256	251	559	984	421	296	172	80	122	45	53
7	479	253	251	563	958	408	271	184	83	168	43	50
8	452	245	253	540	901	381	254	227	80	200	40	55
9	419	238	263	446	807	379	238	302	75	156	43	58
10	384	236	269	422	662	393	228	348	68	147	48	59
11	374	239	278	434	577	381	220	290	68	130	56	71
12	354	246	288	443	485	384	210	200	78	118	63	67
13	326	250	293	447	439	379	200	186	126	141	74	57
14	297	255	289	404	418	428	187	187	161	126	82	52
15	283	257	280	362	394	493	179	202	143	126	91	45
16	273	257	281	373	376	585	177	242	144	130	91	43
17	263	256	285	428	369	666	236	200	167	150	95	43
18	253	264	272	620	444	790	350	166	168	151	103	44
19	247	271	258	996	513	734	438	149	157	182	158	49
20	244	273	250	895	544	492	344	143	127	206	137	58
21	242	268	248	678	543	392	219	129	104	211	104	71
22	241	262	254	503	502	358	191	120	101	160	92	87
23	237	260	255	558	440	336	180	105	93	143	95	96
24	232	266	257	1250	407	324	169	91	92	145	99	101
25	226	272	285	1690	386	319	157	86	107	142	93	97
26	221	294	345	1340	424	324	156	96	119	134	97	90
27	220	316	372	1020	410	318	159	109	158	126	128	91
28	219	331	412	924	388	321	171	106	185	122	157	91
29	218	313	424	741	---	313	183	109	225	106	128	100
30	216	279	377	575	---	295	207	112	326	92	104	109
31	216	---	326	538	---	284	---	102	---	79	89	---

TOTAL	13331	7785	8893	19557	16672	13173	7609	5643	3684	4849	2646	2059
MEAN	430	260	287	631	595	425	254	182	123	156	85.4	68.6
MAX	1490	331	424	1690	984	790	448	348	326	282	158	109
MIN	216	213	248	288	369	284	156	86	68	79	40	43
CFSM	1.19	.72	.79	1.74	1.64	1.17	.70	.50	.34	.43	.24	.19
IN.	1.37	.80	.91	2.01	1.71	1.35	.78	.58	.38	.50	.27	.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1999, BY WATER YEAR (WY)

MEAN	190	279	454	600	772	776	493	318	222	376	199	164
MAX	566	629	1667	1194	1360	1906	1450	957	475	3296	552	644
(WY)	1995	1998	1998	1998	1998	1998	1998	1991	1991	1994	1984	1998
MIN	83.5	129	145	183	196	281	169	87.2	65.3	35.1	49.8	57.7
(WY)	1988	1991	1989	1989	1989	1989	1986	1986	1988	1986	1990	1990

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1980 - 1999

ANNUAL TOTAL	268954	105901	
ANNUAL MEAN	737	290	404
HIGHEST ANNUAL MEAN			876 1998
LOWEST ANNUAL MEAN			211 1988
HIGHEST DAILY MEAN	11900 Mar 9	1690 Jan 25	36000 Jul 7 1994
LOWEST DAILY MEAN	95 Aug 31	40 Aug 8	12 Jul 20 1986
ANNUAL SEVEN-DAY MINIMUM	113 Aug 26	46 Aug 4	16 Jul 15 1986
INSTANTANEOUS PEAK FLOW		1730 Jan 25	64400 Jul 6 1994
INSTANTANEOUS PEAK STAGE		11.04 Jan 25	29.10 Jul 6 1994
INSTANTANEOUS LOW FLOW		38 Aug 8	12 Jul 20 1986
ANNUAL RUNOFF (CFSM)	2.04	.80	1.12
ANNUAL RUNOFF (INCHES)	27.64	10.88	15.16
10 PERCENT EXCEEDS	1540	543	832
50 PERCENT EXCEEDS	354	246	244
90 PERCENT EXCEEDS	183	76	87

STATISTICS COMPUTED BY: msreynol

DATE: 04/10/2000 AT: 12:49:14