

APALACHICOLA RIVER BASIN

02350900

KINCHAFOONEE CREEK NEAR DAWSON, GA.

Latitude: 31° 45' 52" Longitude: 84° 15' 12" Hydrologic Unit Code: 03130007

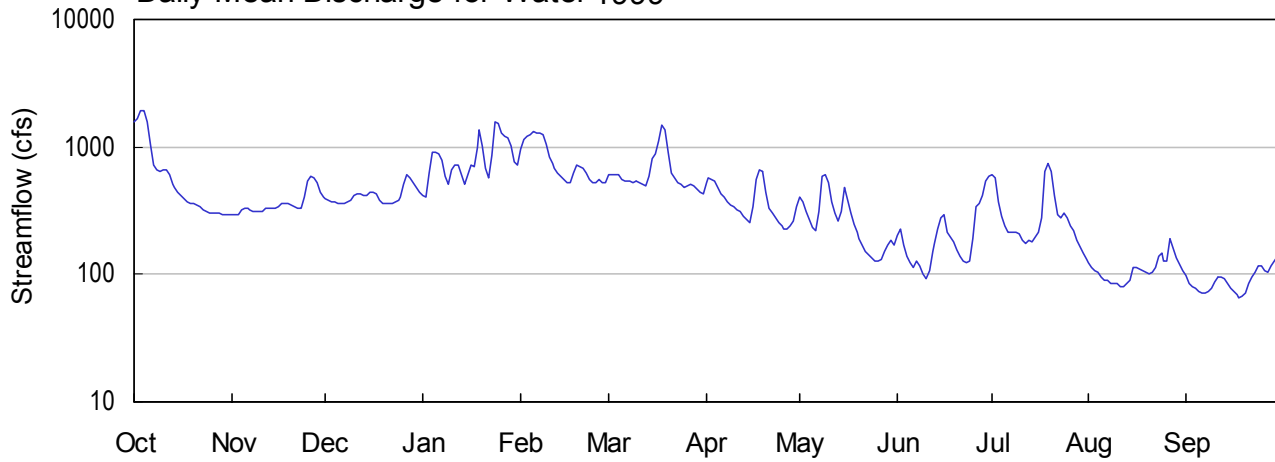
Lee County

Drainage Area: 527.00 mi²

Datum: 211.7 feet

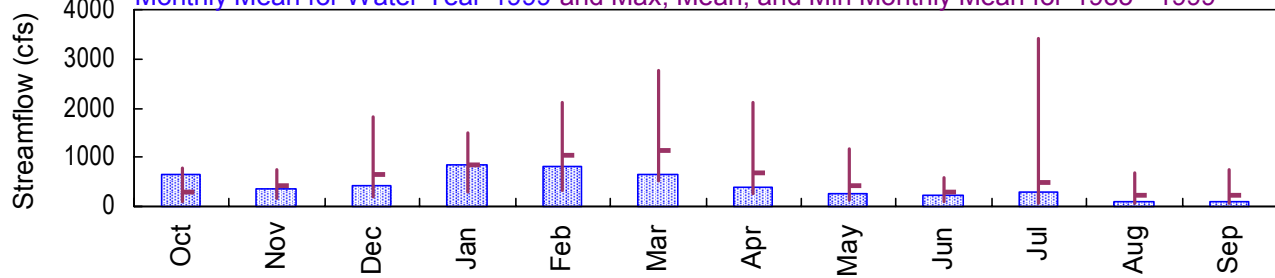
Period of Record: 1985 - 1999

Daily Mean Discharge for Water 1999

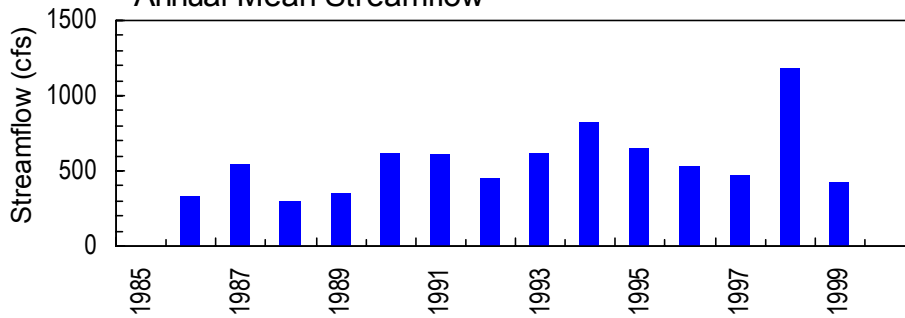


Monthly Statistics

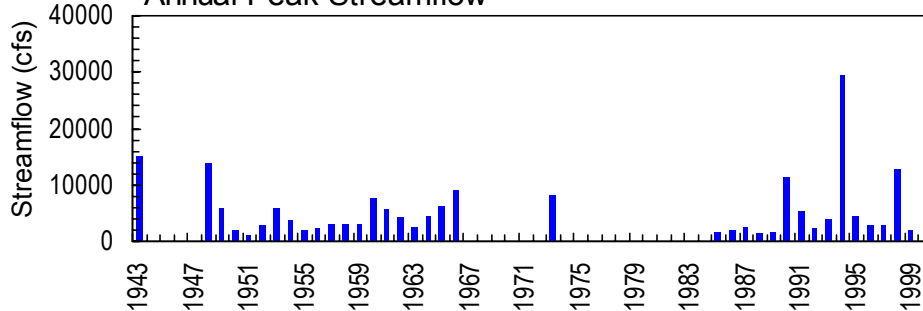
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1985 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



APALACHICOLA RIVER BASIN
1999 Water Year

02350900 KINCHAFOONEE CREEK NEAR DAWSON, GA

LOCATION.--Lat 31°45'52", long 84°15'12", Lee County, Hydrologic Unit 03130007, on downstream end of bridge pier on Pinewood Road, 3.6 miles west of U.S. Highway 19, 12.4 miles east of Dawson, and 5.2 miles northwest of Leesburg.

DRAINAGE AREA.--527 mi², approximately.

PERIOD OF RECORD.--Water years 1949-65 (annual maximum), March 1985 to current year.

GAGE.--Water-stage recorder. Datum of gage is 211.74 feet above sea level (Georgia State Highway Commission benchmark). April 6, 1949 to September 30, 1965, crest-stage gage at site 1,500 feet upstream at same datum.

REMARKS.--Records good, except for the period of estimated daily discharges, which are fair.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1943 or 1944 is believed to have reached an elevation of about 23 feet from information by local resident. Maximum stage of 20.46 feet was reached March 5, 1966.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,600 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Oct. 3	2300	2,030*	11.00*
Jan. 24	1600	1,630	9.84

STATION NUMBER 02350900 KINCHAFOONEE CREEK NEAR DAWSON, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 314552 LONGITUDE 0841512 DRAINAGE AREA 527.00 DATUM 211.74 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	1590	293	389	418	974	600	527	399	204	609	122	97
2	1690	292	378	402	1160	602	576	368	225	570	113	84
3	1920	297	371	628	1210	608	562	315	168	368	e108	79
4	1950	324	367	920	1260	599	545	270	138	288	103	77
5	1570	334	364	905	1310	553	487	234	122	240	95	74
6	1040	334	363	872	1290	541	433	218	113	214	91	71
7	712	322	365	781	1300	541	400	315	127	212	89	71
8	666	313	369	591	1250	533	376	589	118	214	84	73
9	647	310	386	506	1060	527	353	613	102	216	84	78
10	667	311	417	653	836	540	337	528	93	205	84	87
11	661	316	431	728	738	530	322	367	107	183	80	96
12	598	329	432	711	674	515	308	305	153	177	79	96
13	516	334	414	605	631	491	287	262	173	186	85	93
14	474	331	421	512	592	592	269	313	229	178	89	86
15	446	328	443	602	554	814	253	477	281	196	112	78
16	418	339	447	717	530	884	344	378	293	217	114	73
17	392	361	423	709	522	1120	563	305	217	279	111	69
18	371	363	386	1000	628	1470	660	249	196	644	107	66
19	359	358	365	1360	717	1380	645	213	181	745	105	67
20	360	350	359	1020	708	908	441	191	158	635	101	71
21	354	340	357	675	680	630	335	172	139	415	105	84
22	338	332	363	577	617	568	302	152	129	294	112	95
23	324	331	374	854	549	531	277	141	123	277	137	105
24	312	407	385	1560	520	505	253	134	126	303	147	117
25	306	545	402	1520	523	487	237	127	188	e280	127	115
26	302	591	516	1290	558	495	229	127	337	e240	127	106
27	300	571	603	1230	532	509	230	132	363	e220	189	103
28	299	524	580	1170	529	494	240	152	418	185	161	116
29	297	445	527	1030	---	469	263	171	543	163	135	129
30	294	406	482	758	---	442	339	184	583	145	119	140
31	293	---	445	718	---	426	---	168	---	132	108	---

TOTAL	20466	11031	12924	26022	22452	19904	11393	8569	6347	9230	3423	2696
MEAN	660	368	417	839	802	642	380	276	212	298	110	89.9
MAX	1950	591	603	1560	1310	1470	660	613	583	745	189	140
MIN	293	292	357	402	520	426	229	127	93	132	79	66
CFSM	1.25	.70	.79	1.59	1.52	1.22	.72	.52	.40	.56	.21	.17
IN.	1.44	.78	.91	1.84	1.58	1.40	.80	.60	.45	.65	.24	.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1999, BY WATER YEAR (WY)

MEAN	288	416	643	841	1034	1141	682	418	297	504	233	229
MAX	773	755	1811	1502	2107	2763	2119	1176	589	3413	675	737
(WY)	1995	1998	1998	1990	1998	1998	1998	1991	1991	1994	1994	1998
MIN	103	160	208	277	323	506	257	139	97.1	62.4	70.2	73.9
(WY)	1991	1991	1989	1989	1989	1989	1986	1986	1988	1986	1988	1990

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1985 - 1999

ANNUAL TOTAL	384210	154457	
ANNUAL MEAN	1053	423	562
HIGHEST ANNUAL MEAN			1177
LOWEST ANNUAL MEAN			294
HIGHEST DAILY MEAN	12400	Mar 10	1950
LOWEST DAILY MEAN	153	Aug 31	66
ANNUAL SEVEN-DAY MINIMUM	163	Aug 27	73
INSTANTANEOUS PEAK FLOW			2030
INSTANTANEOUS PEAK STAGE			11.00
INSTANTANEOUS LOW FLOW			64
ANNUAL RUNOFF (CFSM)	2.00	.80	1.07
ANNUAL RUNOFF (INCHES)	27.12	10.90	14.50
10 PERCENT EXCEEDS	2150	767	1160
50 PERCENT EXCEEDS	545	354	363
90 PERCENT EXCEEDS	259	103	119

STATISTICS COMPUTED BY: gabailey

DATE: 05/03/2000 AT: 08:12:57

e Estimated