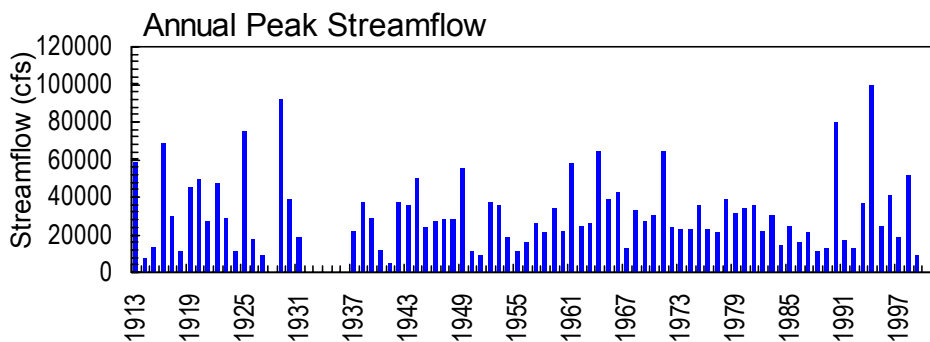
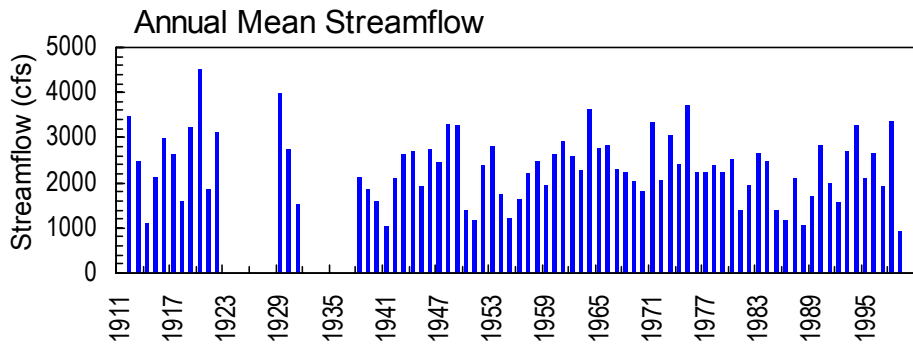
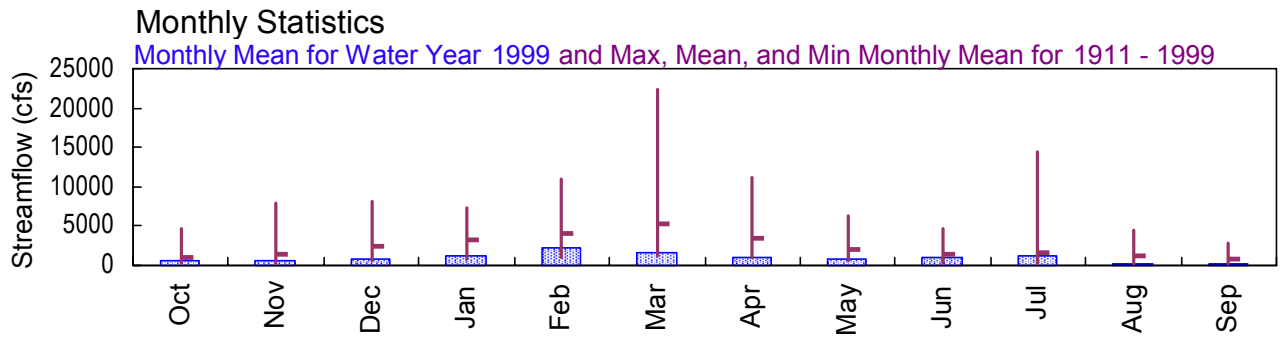
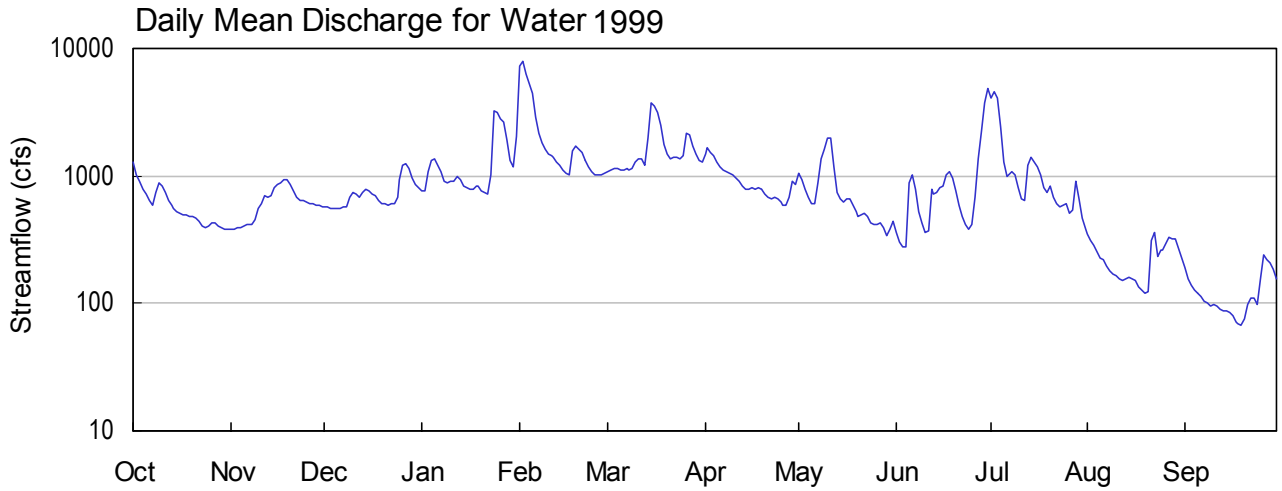


APALACHICOLA RIVER BASIN  
 FLINT RIVER NEAR CULLODEN, GA.

02347500

Latitude: 32° 43' 17" Longitude: 84° 13' 57" Hydrologic Unit Code: 03130005 Upson County  
 Drainage Area: 1850.0 mi<sup>2</sup> Datum: 334.5 feet Period of Record: 1911 - 1999



**APALACHICOLA RIVER BASIN  
1999 Water Year**

**02347500 FLINT RIVER NEAR CULLODEN, GA**

**LOCATION.**--Lat 32°43'17", long 84°13'57", Taylor-Upson County line, Hydrologic Unit 03130005, on left bank underneath bridge on U.S. Highway 19, 4 miles upstream from Auchumpkee Creek, 5 miles downstream from Swift Creek, 13 miles southwest of Culloden, and at mile 238.4.

**DRAINAGE AREA.**--1,850 mi<sup>2</sup>, approximately.

**PERIOD OF RECORD.**--July 1911 to May 1923, July 1928 to December 1931, March 1937 to current year.

**REVISED RECORDS.**--WSP 697: 1911-23. WSP 1002: 1943. WSP 1504: 1913, 1916-17, 1918(M), 1919-22, 1923(M), drainage area.

**GAGE.**--Water-stage recorder. Datum of gage is 334.54 feet above sea level. From July 1, 1911 to Oct. 11, 1918, non-recording gage and Oct. 12, 1918 to May 31, 1923, water-stage recorder, at site 2.5 miles downstream at different datum. From July 21, 1928 to Dec. 31, 1931, and Mar. 18, 1937 to May 3, 1939, non-recording gage was located at present site and datum.

**REMARKS.**--Records good. Records of chemical analyses for the water years 1968-79 are published in reports of the U.S. Geological Survey.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 11,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Feb. 1	1800	9,660*	12.05*

No other peaks greater than base discharge

STATION NUMBER 02347500 FLINT RIVER NEAR CULLODEN, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 324317 LONGITUDE 0841357 DRAINAGE AREA 1850.00 DATUM 334.54 STATE 13 COUNTY 293

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	1300	382	577	769	7250	1080	1480	1050	355	4090	348	188
2	1010	384	566	756	8000	1120	1650	934	305	4580	314	155
3	901	393	560	1070	6280	1160	1540	781	279	4110	285	139
4	780	397	559	1330	5310	1140	1430	674	281	2460	255	129
5	720	403	560	1350	4420	1110	1290	606	883	1300	228	121
6	633	411	561	1220	2920	1100	1180	606	1020	982	218	113
7	589	419	567	1070	2190	1130	1110	883	781	1040	194	105
8	735	421	572	919	1830	1110	1090	1370	517	1070	181	100
9	893	450	671	879	1610	1140	1060	1600	423	1020	170	95
10	840	563	752	906	1490	1270	1020	1960	362	810	163	97
11	739	605	717	905	1460	1370	970	1970	375	665	158	96
12	645	710	689	985	1390	1350	910	1180	782	638	153	91
13	587	689	748	943	1290	1230	842	747	723	1200	155	88
14	551	697	788	836	1200	1960	792	658	735	1400	161	87
15	529	805	766	806	1110	3750	778	624	809	1290	157	85
16	506	852	726	794	1050	3550	805	661	844	1190	150	79
17	495	891	693	797	1020	3140	794	668	1010	1020	136	72
18	493	946	643	830	1590	2520	811	586	1070	812	128	69
19	486	943	607	832	1710	1780	788	521	971	739	120	68
20	486	846	599	765	1640	1480	723	483	774	829	122	76
21	472	756	597	737	1510	1360	685	489	591	684	313	98
22	447	682	600	729	1320	1390	664	515	487	611	356	110
23	410	641	612	1020	1190	1420	687	476	422	574	232	110
24	395	647	671	3210	1090	1350	665	429	378	587	259	98
25	400	629	942	3160	1030	1440	616	416	419	602	262	156
26	424	613	1220	2840	1010	2190	593	422	678	509	298	241
27	423	602	1260	2660	1010	2080	590	429	1360	535	334	218
28	408	593	1140	1930	1040	1740	682	393	2200	918	322	206
29	390	583	959	1340	---	1490	905	342	3710	661	318	184
30	384	577	861	1180	---	1340	849	379	4910	471	269	158
31	386	---	812	2060	---	1280	---	439	---	382	228	---

TOTAL	18457	18530	22595	39628	63960	50570	27999	23291	28454	37779	6987	3632
MEAN	595	618	729	1278	2284	1631	933	751	948	1219	225	121
MAX	1300	946	1260	3210	8000	3750	1650	1970	4910	4580	356	241
MIN	384	382	559	729	1010	1080	590	342	279	382	120	68
CFSM	.32	.33	.39	.69	1.23	.88	.50	.41	.51	.66	.12	.07
IN.	.37	.37	.45	.80	1.29	1.02	.56	.47	.57	.76	.14	.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 1999, BY WATER YEAR (WY)

MEAN	978	1388	2460	3244	4149	5245	3525	2032	1407	1719	1197	855
MAX	4691	7856	8151	7256	10960	22290	11240	6350	4773	14430	4371	2908
(WY)	1930	1949	1920	1946	1961	1929	1964	1920	1922	1994	1928	1953
MIN	108	247	668	715	1049	1303	933	524	246	165	174	121
(WY)	1955	1932	1961	1956	1938	1918	1999	1914	1988	1986	1986	1999

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1911 - 1999

ANNUAL TOTAL	991972	341882	
ANNUAL MEAN	2718	937	2334
HIGHEST ANNUAL MEAN			4500
LOWEST ANNUAL MEAN			937
HIGHEST DAILY MEAN	50300	Mar 9	8000
LOWEST DAILY MEAN	343	Sep 19	68
ANNUAL SEVEN-DAY MINIMUM	368	Sep 14	77
INSTANTANEOUS PEAK FLOW			9660
INSTANTANEOUS PEAK STAGE			12.05
INSTANTANEOUS LOW FLOW			66
ANNUAL RUNOFF (CFSM)	1.47	.51	1.26
ANNUAL RUNOFF (INCHES)	19.95	6.87	17.14
10 PERCENT EXCEEDS	5780	1600	4840
50 PERCENT EXCEEDS	1050	723	1340
90 PERCENT EXCEEDS	456	167	445

STATISTICS COMPUTED BY: cmhacke

DATE: 10/27/2000 AT: 16:51:44