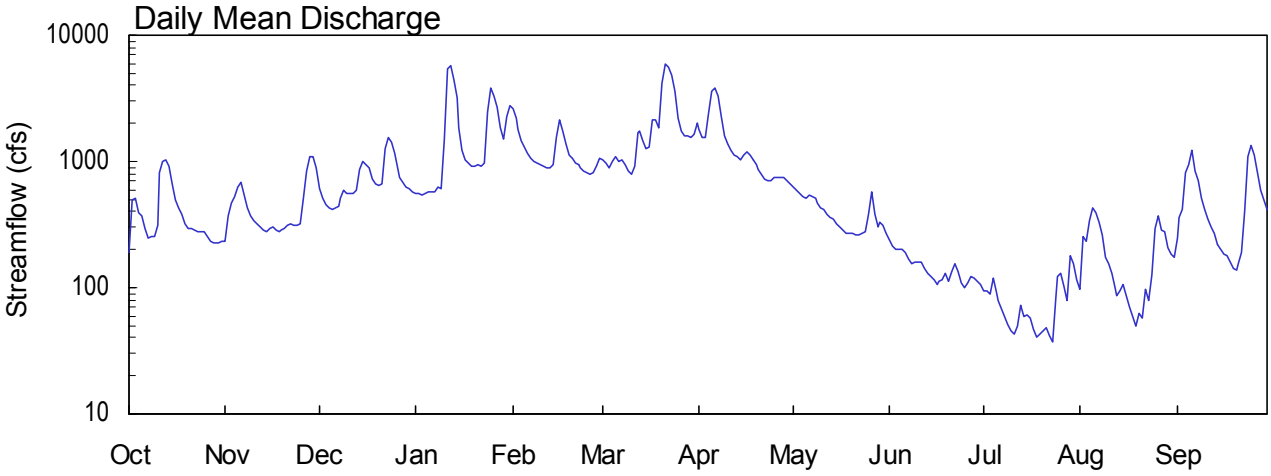
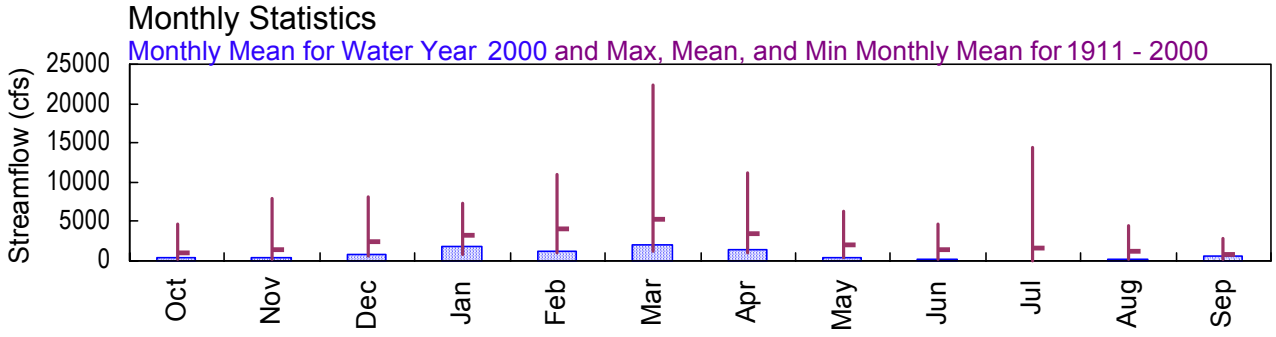
APALACHICOLA RIVER BASIN

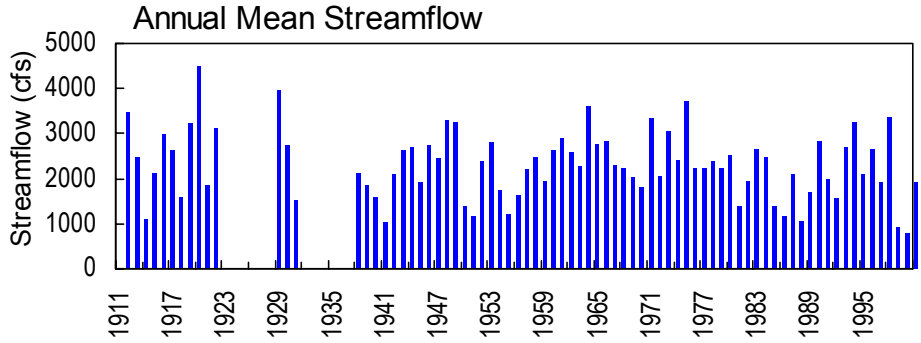
2000 Water Year

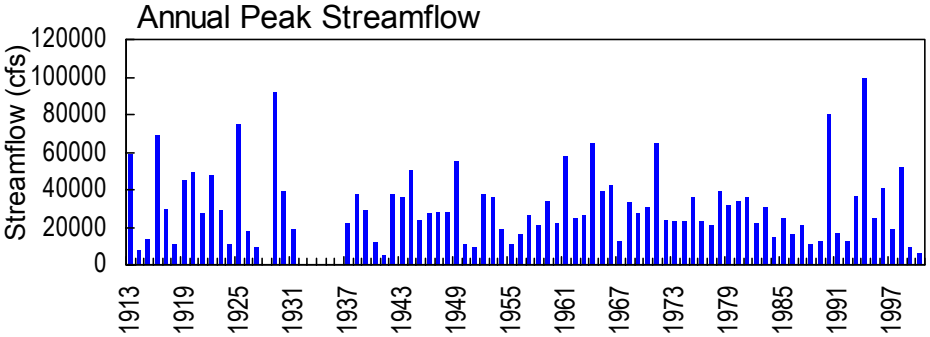
02347500 FLINT RIVER NEAR CULLODEN, GA

Latitude: 32°43'17" Longitude: 84°13'57" Hydrologic Unit Code: 03130005 Upson County
Drainage Area: 1850 mi^2 Datum: 334.5 feet Period of Record: 1911 - 2000









APALACHICOLA RIVER BASIN
2000 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, 4.0 miles upstream from Auchumpkee Creek, 5.0 miles downstream from Swift Creek, 13.0 miles southwest of Culloden, and at mile 238.4.

DRAINAGE AREA.--1,850 mi^2, approximately.

WATER-DISCHARGE RECORDS

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.—Satellite transmitter with a 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, except those below 100 ft^3/s and those estimated days on August 25, 26, and September 24-30, which are fair. 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^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Jan. 12	0215	6,280*	9.14*

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
DCP
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	189	236	613	563	2650	1040	1800	619	237	95	97	246
2	496	367	508	553	2220	971	1560	585	216	93	255	362
3	509	469	461	547	1780	884	1540	555	201	89	230	423
4	389	532	432	558	1470	986	2420	526	204	118	339	810
5	374	622	421	576	1300	1080	3580	517	204	92	425	942
6	290	690	424	568	1160	1010	3860	542	190	79	394	1210
7	248	545	440	583	1050	1030	3340	530	171	68	330	843
8	252	425	510	628	1000	951	2240	517	154	59	265	709
9	251	372	594	601	967	837	1600	465	158	51	176	516
10	314	342	566	1510	940	799	1370	430	158	46	153	420
11	813	322	554	5500	916	906	1240	414	161	43	129	354
12	989	306	559	5780	893	1690	1140	382	141	50	99	305
13	1030	284	591	4450	889	1750	1080	365	130	73	86	271
14	905	280	869	3240	954	1480	1040	352	122	59	95	218
15	660	293	996	1820	1550	1250	1120	325	115	61	106	203
16	497	299	946	1220	2150	1310	1200	303	105	57	86	186
17	429	288	891	1020	1750	2150	1120	285	111	47	70	180
18	380	278	723	958	1380	2120	1020	272	116	40	60	158
19	319	286	660	929	1140	1830	936	266	130	43	50	142
20	295	297	642	912	1060	4220	857	269	114	46	62	137
21	297	315	667	945	980	6000	790	258	132	48	57	155
22	286	323	1250	907	933	5580	735	262	153	42	97	191
23	278	310	1560	968	884	4770	695	267	135	37	80	403
24	274	308	1410	2450	835	3610	697	278	109	85	126	e1100
25	274	325	1150	3780	811	2180	744	382	101	121	e295	e1350
26	253	518	871	3280	801	1750	745	579	108	129	e372	e1110
27	235	830	746	2690	808	1590	741	387	122	102	285	e815
28	228	1090	681	1820	912	1590	738	303	119	79	275	e597
29	229	1080	634	1510	1050	1570	709	327	111	181	209	e494
30	228	879	606	2250	---	1640	670	312	105	153	184	e423
31	233	---	581	2760	---	2010	---	270	---	115	174	---
TOTAL	12444	13511	22556	55876	35233	60584	41327	12144	4333	2401	5661	15273
MEAN	401	450	728	1802	1215	1954	1378	392	144	77.5	183	509
MAX	1030	1090	1560	5780	2650	6000	3860	619	237	181	425	1350
MIN	189	236	421	547	801	799	670	258	101	37	50	137
CFSM	.22	.24	.39	.97	.66	1.06	.74	.21	.08	.04	.10	.28
IN.	.25	.27	.45	1.12	.71	1.22	.83	.24	.09	.05	.11	.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 2000, BY WATER YEAR (WY)

MEAN	971	1376	2438	3226	4110	5203	3498	2012	1391	1698	1185	850
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	392	144	77.5	174	121
(WY)	1955	1932	1961	1956	1938	1918	1999	2000	2000	2000	1986	1999

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1911 - 2000	
ANNUAL TOTAL	330811		281343			
ANNUAL MEAN	906		769		2314	
HIGHEST ANNUAL MEAN					4500	1920
LOWEST ANNUAL MEAN					769	2000
HIGHEST DAILY MEAN	8000	Feb 2	6000	Mar 21	92000	Jul 6 1994
LOWEST DAILY MEAN	68	Sep 19	37	Jul 23	37	Jul 23 2000
ANNUAL SEVEN-DAY MINIMUM	77	Sep 14	43	Jul 17	43	Jul 17 2000
MAXIMUM PEAK FLOW			6280	Jan 12	100000	Jul 6 1994
MAXIMUM PEAK STAGE			9.14	Jan 12	45.73	Jul 6 1994
INSTANTANEOUS LOW FLOW			35	Jul 23	35	Jul 23 2000
ANNUAL RUNOFF (CFSM)	.49		.42		1.25	
ANNUAL RUNOFF (INCHES)	6.65		5.66		17.00	
10 PERCENT EXCEEDS	1600		1660		4810	
50 PERCENT EXCEEDS	678		496		1320	
90 PERCENT EXCEEDS	167		100		435	

STATISTICS COMPUTED BY: landers DATE: 10/29/2001 AT: 09:40:44

e Estimated