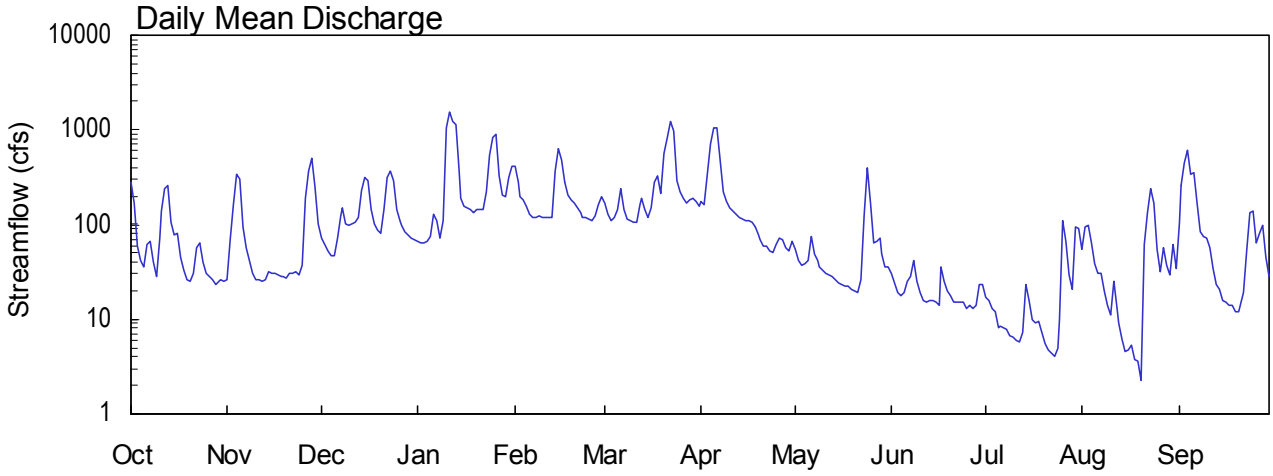
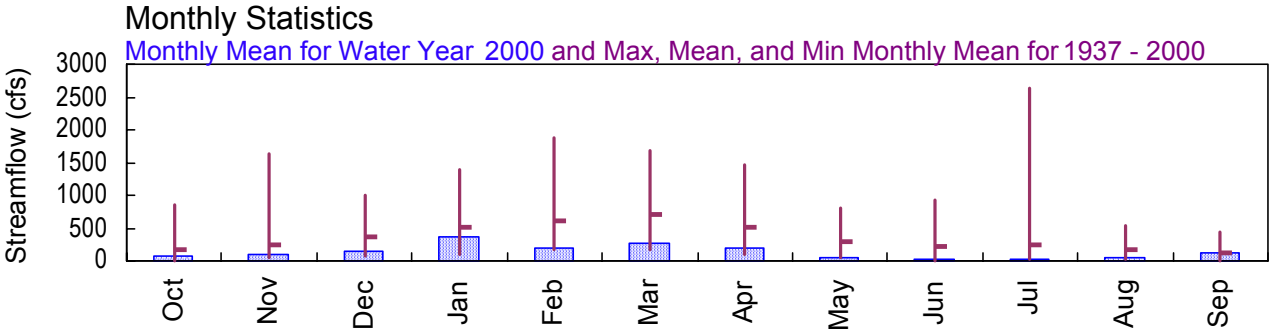
APALACHICOLA RIVER BASIN

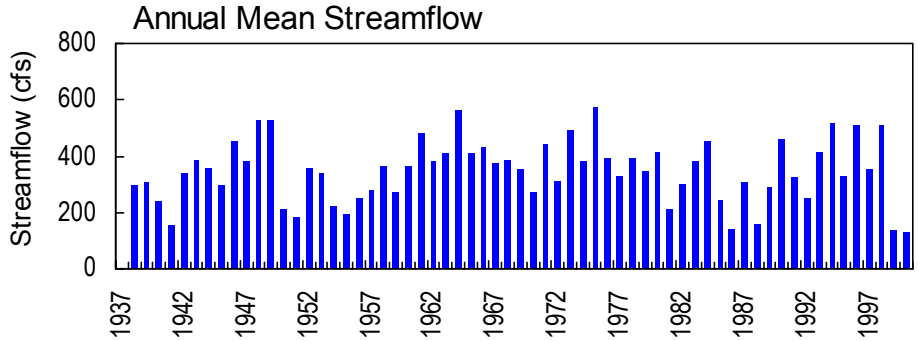
2000 Water Year

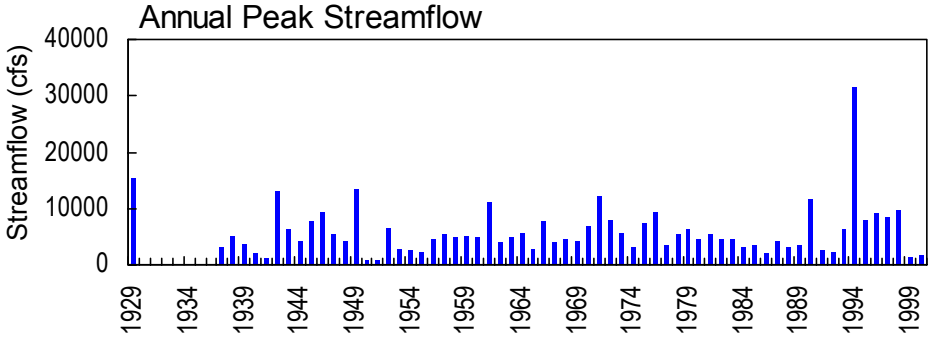
02344500 FLINT RIVER NEAR GRIFFIN, GA

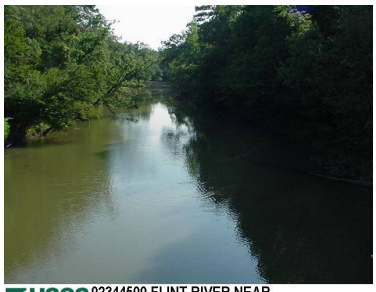
Latitude: 33°14'39" Longitude: 84°25'45" Hydrologic Unit Code: 03130005 Spalding County
Drainage Area: 272 mi^2 Datum: 711.4 feet Period of Record: 1937 - 2000











02344500 FLINT RIVER NEAR GRIFFIN, GA

APALACHICOLA RIVER BASIN
2000 Water Year

02344500 FLINT RIVER NEAR GRIFFIN, GA

LOCATION.--Lat 33°14'39", long 84°25'45", Spalding County, Hydrologic Unit 03130005, at downstream side of bridge pier on GA Highway 16, 1.5 miles downstream from Shoal Creek, 5.5 miles upstream from Line Creek, 10.0 miles west of Griffin, and at mile 304.4.

DRAINAGE AREA.--272 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March 1937 to current year.

GAGE.—Satellite transmitter with a water-stage recorder. Datum of gage is 711.44 feet above sea level (levels by U.S. Army Corps of Engineers). Prior to August 25, 1938, a non-recording gage was located at present site at datum 3.00 feet higher. From August 25, 1938, to May 5, 1941, gage was a non-recording gage; from May 6, 1941, to August 20, 1959, gage was a water-stage recorder; and from August 21, 1959 to September 13, 1960, gage was a non-recording gage; all located at present site and datum.

REMARKS.--Records good, except for those discharges below 48.0 ft^3/s, which are fair. Some diurnal fluctuation occurs at low flow.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 14 or 15, 1929, reached a stage of 17.9 feet, present datum, from flood marks located by local resident, discharge, 15,300 ft^3/s.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Jan. 11	0100	1,760*	10.29*

No other peaks greater than base discharge

STATION NUMBER 02344500 FLINT RIVER NEAR GRIFFIN, GA STREAM SOURCE AGENCY USGS
LATITUDE 331439 LONGITUDE 0842545 DRAINAGE AREA 272.00 DATUM 711.44 STATE 13 COUNTY 255
PROVISIONAL DATA DCP SUBJECT TO REVISION
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	276	26	73	67	406	166	177	54	30	17	54	104
2	168	70	61	65	281	129	164	41	24	16	94	258
3	60	164	52	64	194	111	342	37	19	13	97	447
4	41	338	47	66	186	118	702	38	18	12	63	608
5	36	306	46	74	156	144	1060	41	19	8.3	38	334
6	62	94	72	130	130	237	1050	74	25	8.4	30	347
7	67	56	125	112	118	142	488	48	28	8.3	30	172
8	40	41	148	73	118	115	220	41	42	7.7	20	85
9	28	31	102	110	123	110	178	36	25	6.8	14	74
10	72	26	98	1060	121	105	153	33	19	6.5	11	71
11	141	26	102	1540	118	108	139	30	16	5.9	25	57
12	239	25	108	1230	117	163	128	29	15	5.8	13	34
13	264	26	121	1120	120	192	119	28	16	7.2	9.1	23
14	104	32	229	362	365	142	113	26	16	23	6.1	21
15	79	31	310	190	645	119	110	24	15	16	4.5	16
16	82	31	289	155	486	151	110	23	14	9.9	4.8	15
17	45	29	145	152	282	276	106	22	36	9.0	5.4	14
18	33	28	103	145	207	325	93	22	25	9.4	3.7	14
19	26	28	88	136	186	215	79	21	20	7.2	3.6	12
20	25	27	81	147	170	559	68	20	18	5.6	2.3	12
21	31	31	145	147	152	816	60	19	15	4.8	62	14
22	58	31	314	146	133	1220	59	26	15	4.3	134	19
23	65	32	374	219	121	964	53	122	15	4.0	236	52
24	40	29	286	544	118	294	50	390	15	4.9	171	136
25	31	37	144	823	114	221	61	171	13	10	55	137
26	28	190	112	884	112	188	72	65	14	110	32	65
27	26	374	98	321	123	169	69	66	13	66	56	82
28	23	510	84	202	161	185	56	73	14	29	37	99
29	25	254	77	198	197	189	52	49	23	21	29	45
30	26	103	72	317	---	176	66	36	23	96	62	28
31	25	---	69	416	---	155	---	36	---	90	34	---
TOTAL	2266	3026	4175	11215	5760	8204	6197	1741	600	643.0	1436.5	3395
MEAN	73.1	101	135	362	199	265	207	56.2	20.0	20.7	46.3	113
MAX	276	510	374	1540	645	1220	1060	390	42	110	236	608
MIN	23	25	46	64	112	105	50	19	13	4.0	2.3	12
CFSM	.27	.37	.50	1.33	.73	.97	.76	.21	.07	.08	.17	.42
IN.	.31	.41	.57	1.53	.79	1.12	.85	.24	.08	.09	.20	.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2000, BY WATER YEAR (WY)

MEAN	164	247	364	517	615	699	522	297	222	248	163	121
MAX	863	1641	1009	1390	1880	1685	1466	795	928	2644	548	437
(WY)	1996	1949	1984	1946	1961	1971	1964	1978	1963	1994	1967	1994
MIN	6.01	45.6	80.4	107	163	174	104	56.2	11.9	12.4	23.6	11.2
(WY)	1955	1942	1999	1956	1941	1988	1999	2000	1988	1988	1999	1954

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1937 - 2000	
ANNUAL TOTAL	53904.0		48658.5			
ANNUAL MEAN	148		133		347	
HIGHEST ANNUAL MEAN					573	1975
LOWEST ANNUAL MEAN					133	2000
HIGHEST DAILY MEAN	1520	Feb 3	1540	Jan 11	27000	Jul 6 1994
LOWEST DAILY MEAN	1.4	Sep 19	2.3	Aug 20	.79	Jul 2 1988
ANNUAL SEVEN-DAY MINIMUM	3.2	Sep 15	4.3	Aug 14	1.8	Jun 27 1988
INSTANTANEOUS PEAK FLOW			1760	Jan 11	32500	Jul 6 1994
INSTANTANEOUS PEAK STAGE			10.29	Jan 11	24.22	Jul 6 1994
INSTANTANEOUS LOW FLOW			2.1	Aug 20	2.1	Aug 20 2000
ANNUAL RUNOFF (CFSM)	.54		.49		1.27	
ANNUAL RUNOFF (INCHES)	7.37		6.65		17.32	
10 PERCENT EXCEEDS	330		307		721	
50 PERCENT EXCEEDS	90		67		185	
90 PERCENT EXCEEDS	16		14		55	

STATISTICS COMPUTED BY: wbennett DATE: 09/21/2001 AT: 07:16:24