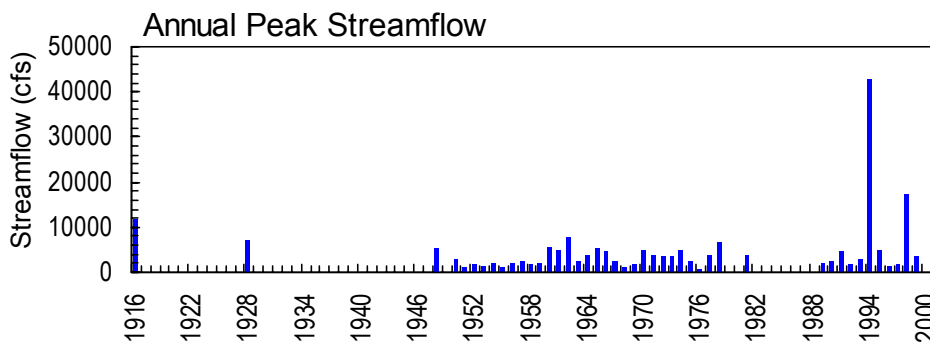
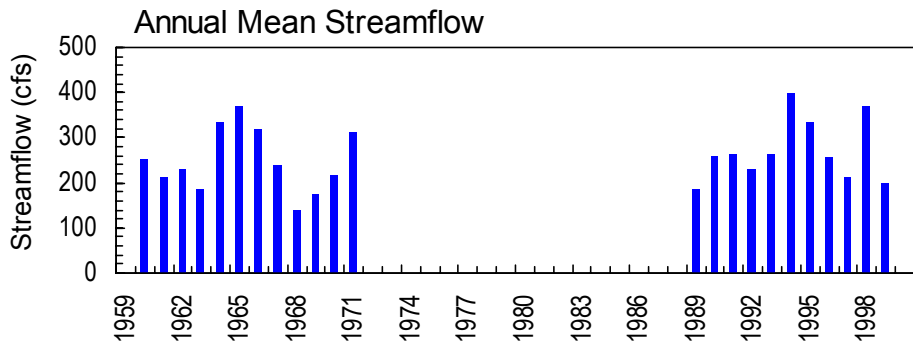
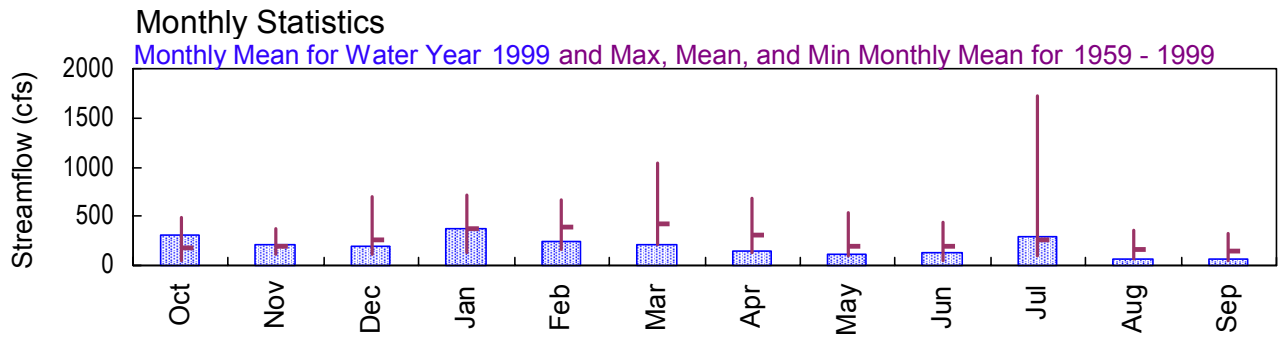
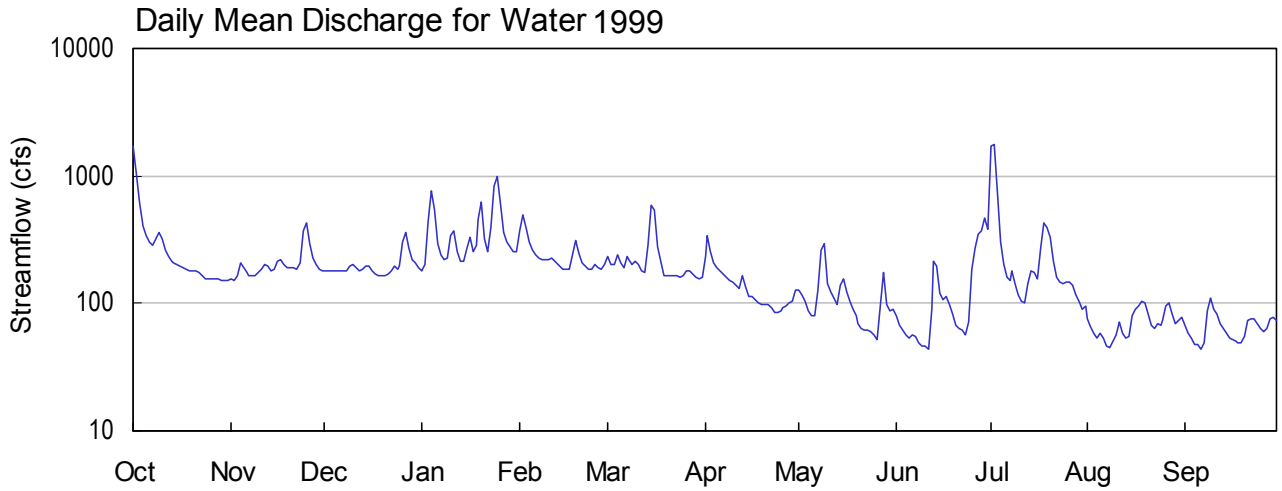


APALACHICOLA RIVER BASIN
 PACHITLA CREEK NEAR EDISON, GA.

02353400 Latitude: 31° 33' 17" Longitude: 84° 40' 43" Hydrologic Unit Code: 03130009 Calhoun County
 Drainage Area: 188.00 mi² Datum: 212.6 feet Period of Record: 1959 - 1999



USGS 02353400 - Pachitla Creek near Edison, GA

**APALACHICOLA RIVER BASIN
1999 Water Year**

02353400 PACHITLA CREEK NEAR EDISON, GA

LOCATION.--Lat 31°33'17", long 84°40'43", Calhoun County, Hydrologic Unit 03130009, on downstream side of bridge pier on State Highway 37, 2.2 miles upstream from Neals Creek, 3.6 miles east of Edison, and 8.5 miles upstream from mouth.

DRAINAGE AREA.--188 mi².

PERIOD OF RECORD.--Annual maximum, water years 1950-59 and occasional low-flow measurements, 1951-58, 1972-81; June 1959 to September 1971, March 1988 to current year.

REVISED RECORDS.--WDR GA-71-1: 1960 (M).

GAGE.--Water-stage recorder. Datum of gage is 212.64 feet above sea level. Mar. 17, 1949 to Mar. 16, 1955, crest-stage at same site and datum. Mar. 17, 1955 to June 9, 1959, crest-stage gage at site 200 feet downstream at same datum.

REMARKS.--Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood on July 10, 1916 reached a stage of 11.88 feet (from Georgia Department of Transportation), discharge, 11,800 ft³/s, from rating curve extended above 3,400 ft³/s on basis of slope-conveyance studies.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,100 ft³/s, and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Oct. 1	0200	1,890	7.07
Jul. 1	1900	3,480*	8.15*

STATION NUMBER 02353400 PACHITLA CREEK NEAR EDISON, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 313317 LONGITUDE 0844043 DRAINAGE AREA 188.00 DATUM 212.64 STATE 13 COUNTY 037

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	1700	154	179	180	366	232	232	129	81	1730	75	68
2	1060	153	180	200	489	201	343	118	68	1760	66	58
3	630	166	180	447	398	203	257	104	62	734	58	54
4	406	207	179	762	304	241	208	88	56	306	54	48
5	338	192	178	547	264	205	192	79	54	201	58	47
6	304	174	179	293	238	189	181	80	57	159	53	44
7	286	167	180	239	224	231	171	128	55	152	46	49
8	323	164	181	219	219	222	159	260	49	182	45	87
9	355	165	194	225	218	200	150	292	46	144	50	110
10	317	176	203	341	218	217	145	142	46	117	57	91
11	259	184	191	375	224	200	140	124	44	105	72	83
12	231	203	180	252	219	179	132	111	90	101	58	70
13	217	195	183	217	209	173	164	98	212	142	54	63
14	208	181	199	212	196	289	134	138	198	182	55	59
15	201	184	195	267	187	588	113	154	120	174	81	54
16	195	213	179	327	184	536	112	125	108	158	91	52
17	189	222	171	251	187	280	106	103	114	266	95	50
18	184	203	166	289	241	217	101	90	99	430	105	49
19	182	192	163	453	310	167	97	80	83	388	102	49
20	181	188	166	623	245	164	97	69	68	327	83	55
21	179	188	169	322	209	166	97	63	63	214	68	73
22	173	186	180	255	196	165	93	61	61	160	63	76
23	164	205	199	388	184	163	85	61	56	149	69	76
24	157	366	183	824	184	161	85	60	72	141	67	70
25	156	432	198	995	200	163	87	56	187	148	74	63
26	157	292	304	608	191	182	93	52	268	147	94	60
27	156	224	364	364	187	180	94	95	352	139	100	64
28	154	200	270	304	201	168	100	175	371	116	82	76
29	153	186	219	275	---	160	105	98	465	105	70	78
30	153	180	207	256	---	155	126	87	378	90	73	74
31	153	---	191	256	---	159	---	89	---	95	77	---

TOTAL	9521	6142	6110	11566	6692	6756	4199	3409	3983	9262	2195	1950
MEAN	307	205	197	373	239	218	140	110	133	299	70.8	65.0
MAX	1700	432	364	995	489	588	343	292	465	1760	105	110
MIN	153	153	163	180	184	155	85	52	44	90	45	44
CFSM	1.63	1.09	1.05	1.98	1.27	1.16	.74	.58	.71	1.59	.38	.35
IN.	1.88	1.22	1.21	2.29	1.32	1.34	.83	.67	.79	1.83	.43	.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 1999, BY WATER YEAR (WY)

MEAN	175	194	264	377	396	427	308	189	190	264	156	140
MAX	484	372	706	708	663	1038	679	533	445	1725	358	329
(WY)	1995	1995	1965	1962	1995	1998	1960	1971	1965	1994	1994	1994
MIN	48.1	111	114	128	157	205	127	92.1	53.3	98.8	62.0	52.4
(WY)	1969	1991	1989	1989	1968	1989	1968	1968	1988	1996	1988	1968

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1959 - 1999

ANNUAL TOTAL	128657	71785	
ANNUAL MEAN	352	197	258
HIGHEST ANNUAL MEAN			396 1994
LOWEST ANNUAL MEAN			139 1968
HIGHEST DAILY MEAN	10200 Mar 9	1760 Jul 2	13500 Jul 7 1994
LOWEST DAILY MEAN	60 Jul 8	44 Jun 11	33 Jun 25 1988
ANNUAL SEVEN-DAY MINIMUM	67 Jun 18	50 Jun 5	36 Jun 20 1988
INSTANTANEOUS PEAK FLOW		3480 Jul 1	43000 Jul 6 1994
INSTANTANEOUS PEAK STAGE		8.15 Jul 1	14.22 Jul 6 1994
INSTANTANEOUS LOW FLOW		42 Jun 11	32 Jun 26 1988
ANNUAL RUNOFF (CFSM)	1.87	1.05	1.37
ANNUAL RUNOFF (INCHES)	25.46	14.20	18.68
10 PERCENT EXCEEDS	603	331	479
50 PERCENT EXCEEDS	219	171	173
90 PERCENT EXCEEDS	106	60	81

STATISTICS COMPUTED BY: gabailey

DATE: 05/03/2000 AT: 15:48:49