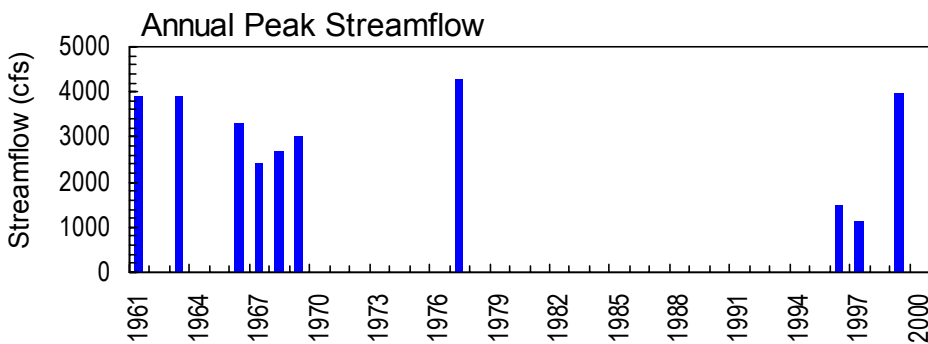
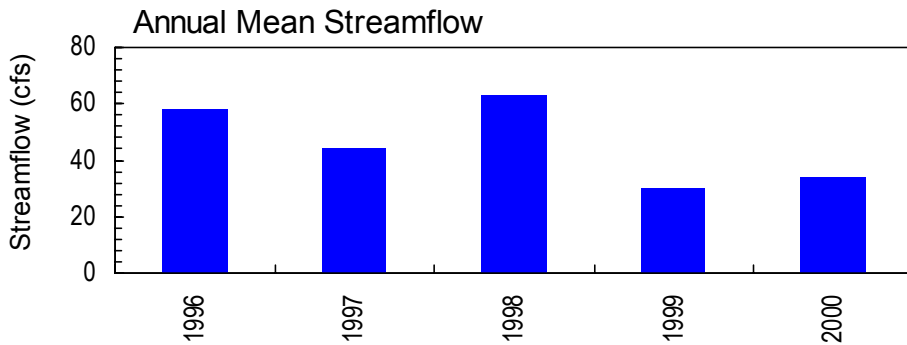
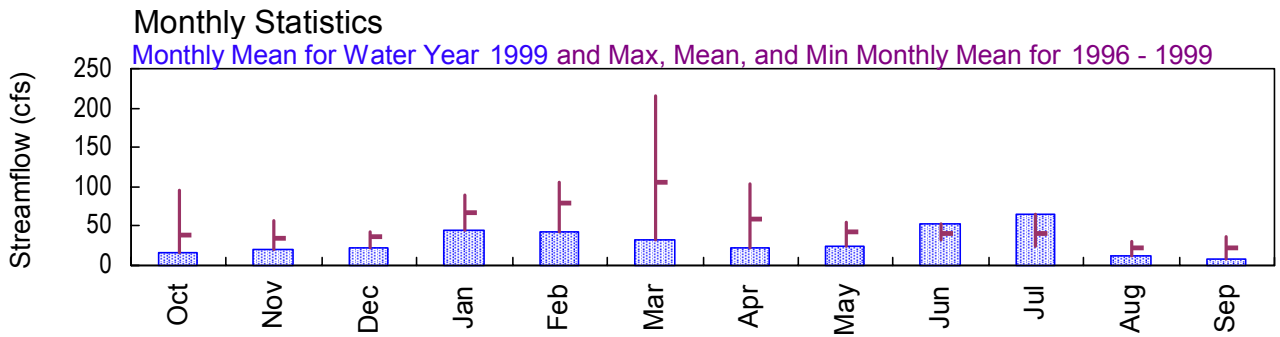
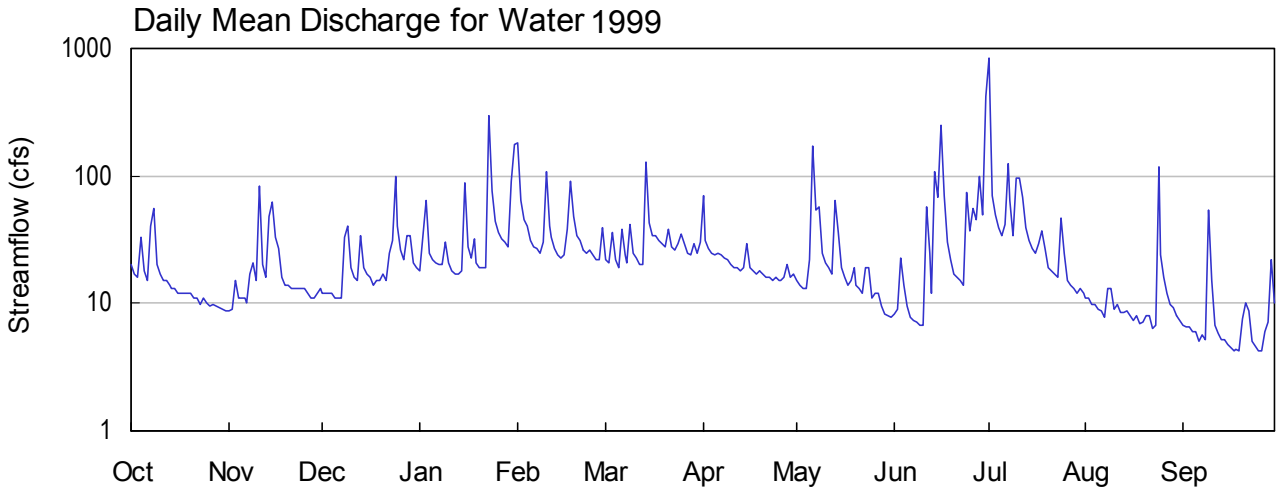


APALACHICOLA RIVER BASIN  
 NICKAJACK CREEK NEAR MABLETON, GA.

02336635

Latitude: 33° 48' 11" Longitude: 84° 31' 12" Hydrologic Unit Code: 03130002 Cobb County  
 Drainage Area: 31.50 mi<sup>2</sup> Datum: 745.0 feet Period of Record: 1996 - 1999



**APALACHICOLA RIVER BASIN  
1999 Water Year**

**02336635 NICKAJACK CREEK AT US HIGHWAYS 78 AND 278,  
NEAR MABLETON, GA**

**LOCATION.**--Lat 33°48'11", long 84°31'12", Cobb County, Hydrologic Unit 03130002, on the left downstream side of bridge on U.S. Highways 78 and 278, 1.5 miles east of Mableton, and 1.2 miles above mouth.

**DRAINAGE AREA.**--31.5 mi<sup>2</sup>.

**PERIOD OF RECORD.**--October 1995 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is about 745 feet above sea level (from topographic map). Prior to Nov. 11, 1996, at site 150 feet downstream on right bank at same datum.

**REMARKS.**--Records good to fair.

STATION NUMBER 02336635 NICKAJACK CREEK (US 78 & 278) NR MABLETON, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 334811 LONGITUDE 0843112 DRAINAGE AREA 31.5 DATUM STATE 13 COUNTY 067

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	20	8.7	12	18	181	22	71	15	8.3	839	11	6.8
2	17	9.1	12	34	64	21	31	14	9.1	70	11	6.6
3	16	15	12	64	45	36	27	13	23	50	9.9	6.6
4	33	11	12	25	40	22	25	13	14	39	9.7	6.0
5	18	11	11	22	31	19	24	22	9.6	34	8.9	6.0
6	15	11	11	21	28	38	25	172	7.8	42	8.8	5.1
7	40	10	11	20	27	24	24	54	7.3	124	7.8	5.6
8	56	17	33	20	25	21	23	57	7.2	65	13	5.2
9	20	21	40	30	30	42	22	25	6.7	34	13	54
10	17	15	19	21	108	25	20	21	6.7	96	9.1	15
11	15	83	16	18	40	23	19	19	58	96	9.9	6.8
12	15	20	15	17	33	20	19	17	25	68	8.6	5.9
13	14	16	34	17	27	20	18	64	12	39	8.4	5.2
14	13	48	19	18	24	129	19	36	109	31	8.8	5.2
15	13	63	17	87	23	43	29	19	69	27	8.0	4.8
16	12	33	16	28	24	34	19	16	248	25	7.3	4.5
17	12	27	14	23	38	34	18	14	70	29	7.9	4.3
18	12	16	15	32	90	31	17	15	30	37	7.0	4.4
19	12	14	15	21	48	29	18	19	22	27	7.2	4.2
20	12	14	17	19	34	28	17	14	17	19	8.1	7.5
21	11	13	15	19	31	38	16	13	16	18	8.0	10
22	11	13	25	19	26	28	16	12	15	17	6.3	8.7
23	9.9	13	31	293	25	26	15	19	14	16	6.8	5.0
24	11	13	100	77	26	29	16	19	75	47	118	4.6
25	10	13	41	44	24	35	15	11	37	25	24	4.3
26	9.6	12	26	36	22	29	15	12	55	15	16	4.3
27	9.7	11	22	32	22	25	16	12	45	14	12	6.0
28	9.6	11	34	30	39	24	20	9.5	98	13	9.7	7.1
29	9.2	12	34	28	---	29	16	8.3	50	12	9.3	22
30	8.9	13	21	92	---	25	17	7.9	419	13	8.0	10
31	8.8	---	19	176	---	30	---	7.7	---	12	7.4	---

TOTAL	490.7	586.8	719	1401	1175	979	647	770.4	1583.7	1993	408.9	251.7
MEAN	15.8	19.6	23.2	45.2	42.0	31.6	21.6	24.9	52.8	64.3	13.2	8.39
MAX	56	83	100	293	181	129	71	172	419	839	118	54
MIN	8.8	8.7	11	17	22	19	15	7.7	6.7	12	6.3	4.2
CFSM	.50	.62	.74	1.43	1.33	1.00	.68	.79	1.68	2.04	.42	.27
IN.	.58	.69	.85	1.65	1.39	1.16	.76	.91	1.87	2.35	.48	.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 1999, BY WATER YEAR (WY)

MEAN	39.4	34.1	35.7	66.2	79.5	105	58.2	41.7	40.6	41.0	21.8	23.2
MAX	95.5	57.5	43.6	89.1	105	216	103	55.5	52.8	64.3	29.8	36.4
(WY)	1996	1996	1998	1996	1998	1998	1998	1998	1999	1999	1998	1997
MIN	15.8	19.6	23.2	45.2	42.0	31.6	21.6	24.9	33.3	24.6	13.2	8.39
(WY)	1999	1999	1999	1999	1999	1999	1999	1999	1996	1998	1999	1999

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1996 - 1999

ANNUAL TOTAL	21691.3		11006.2				
ANNUAL MEAN	59.4		30.2		48.7		
HIGHEST ANNUAL MEAN					63.3 1998		
LOWEST ANNUAL MEAN					30.2 1999		
HIGHEST DAILY MEAN	3320	Mar 8	839	Jul 1	3320	Mar 8 1998	
LOWEST DAILY MEAN	8.2	Sep 18	4.2	Sep 19	4.2	Sep 19 1999	
ANNUAL SEVEN-DAY MINIMUM	8.6	Sep 13	4.7	Sep 13	4.7	Sep 13 1999	
INSTANTANEOUS PEAK FLOW			3970	Jul 1	.00	Mar 8 1998	
INSTANTANEOUS PEAK STAGE			12.50	Jul 1	13.62	Mar 8 1998	
ANNUAL RUNOFF (CFSM)	1.89		.96		1.55		
ANNUAL RUNOFF (INCHES)	25.62		13.00		21.01		
10 PERCENT EXCEEDS	81		54		75		
50 PERCENT EXCEEDS	31		19		29		
90 PERCENT EXCEEDS	11		7.8		12		

STATISTICS COMPUTED BY: darrelle

DATE: 06/26/2000 AT: 12:24:28