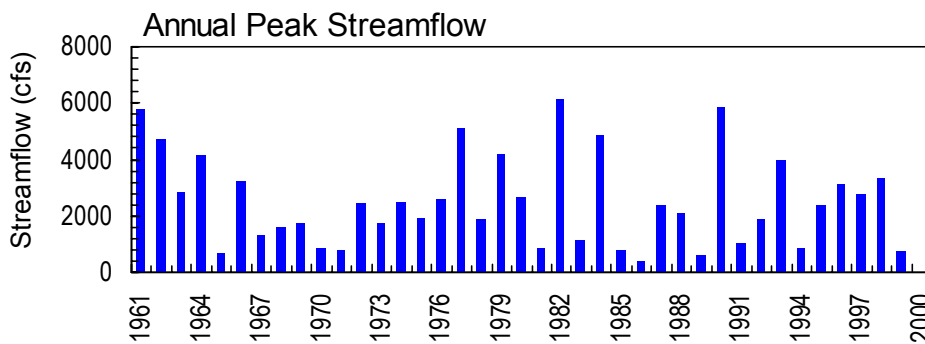
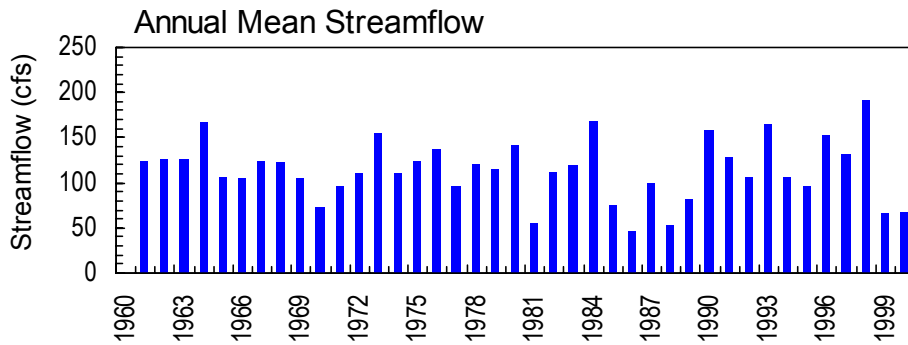
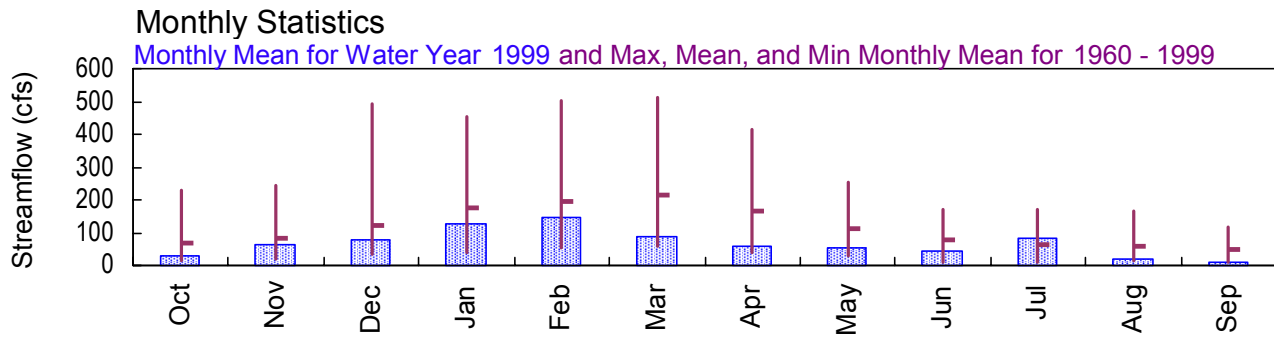
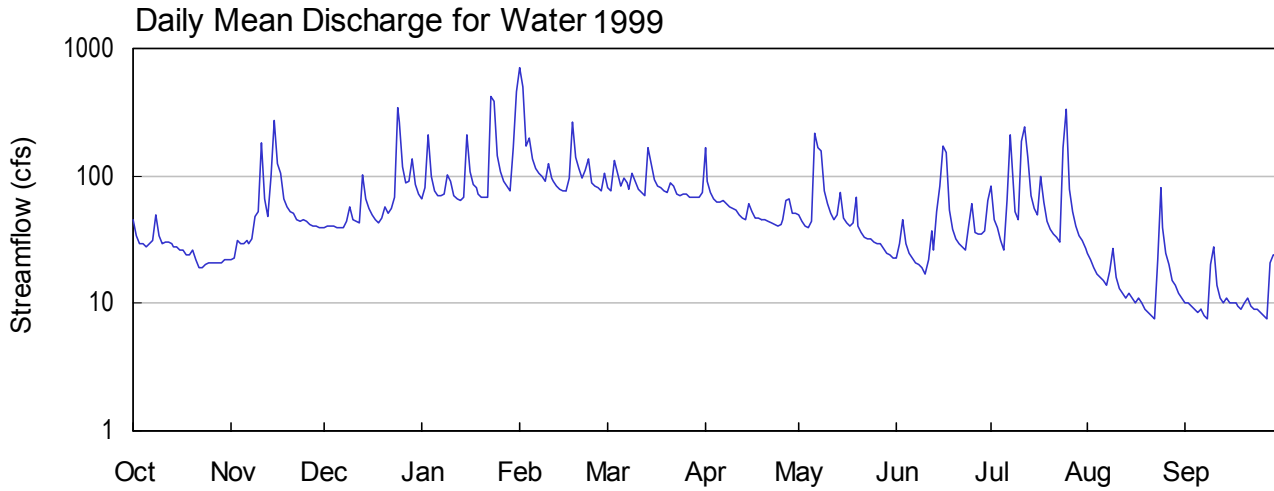


APALACHICOLA RIVER BASIN
 BIG CREEK NEAR ALPHARETTA, GA.

02335700
 Latitude: 34° 03' 02" Longitude: 84° 16' 10" Hydrologic Unit Code: 03130001 Fulton County
 Drainage Area: 72.00 mi² Datum: 960.8 feet Period of Record: 1960 - 1999



**APALACHICOLA RIVER BASIN
1999 Water Year**

02335700 BIG CREEK NEAR ALPHARETTA, GA

LOCATION.--Lat 34°03'02", long 84°16'10", Fulton County, Hydrologic Unit 03130001, on left bank at downstream side of bridge on Kimball Bridge Road, 2.6 miles southeast of Alpharetta, and 9.4 miles upstream from mouth.

DRAINAGE AREA.--72 mi², approximately.

PERIOD OF RECORD.--May 1960 to current year.

GAGE.--Water-stage recorder. Datum of gage is 960.80 feet above sea level (levels by U.S. Soil Conservation Service).

REMARKS.--Records good.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 800 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Feb. 1	1645	754*	6.77*

No other peaks greater than base discharge

STATION NUMBER 02335700 BIG CREEK NEAR ALPHARETTA, GA. STREAM SOURCE AGENCY USGS
 LATITUDE 340302 LONGITUDE 0841610 DRAINAGE AREA 72.00 DATUM 960.80 STATE 13 COUNTY 121

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	45	22	39	66	712	82	165	50	23	83	25	e10
2	34	23	40	82	502	76	90	44	29	45	22	e10
3	29	31	40	208	172	133	74	41	45	39	19	e9.5
4	29	29	40	99	201	104	66	39	29	31	17	e9.0
5	28	29	39	77	136	83	63	44	25	26	16	e8.5
6	29	31	39	71	113	95	63	214	23	65	15	e9.0
7	31	29	39	70	104	87	64	169	21	212	14	e8.0
8	50	32	44	73	100	78	60	159	20	134	18	e7.5
9	34	48	57	102	91	106	58	76	19	52	27	20
10	29	53	45	90	124	92	56	60	17	46	16	28
11	30	184	44	71	97	78	54	51	22	188	13	14
12	30	66	43	67	90	74	49	46	37	243	12	11
13	29	48	101	64	83	71	47	49	26	141	11	e10
14	28	100	66	68	79	169	46	74	52	71	12	11
15	28	274	56	209	76	125	60	47	84	55	11	e10
16	26	126	50	107	76	93	52	43	171	49	e10	e10
17	26	105	46	86	96	84	47	40	155	98	11	e10
18	24	67	43	81	264	80	47	43	54	63	e10	e9.5
19	24	57	47	73	141	76	46	68	38	44	e9.0	e9.0
20	26	52	58	69	114	74	45	41	32	38	e8.5	e10
21	22	51	51	68	96	89	44	36	29	35	e8.0	11
22	19	46	56	68	110	83	43	33	28	33	e7.5	e9.5
23	19	44	68	419	135	73	42	32	26	30	22	e9.0
24	20	46	347	380	87	70	41	32	41	168	81	e9.0
25	21	44	263	143	83	73	42	30	60	338	39	e8.5
26	21	42	118	108	80	73	45	29	36	78	25	e8.0
27	21	40	88	92	77	69	65	29	35	52	20	e7.5
28	21	40	90	84	105	68	67	27	35	41	15	21
29	21	39	135	77	---	68	51	25	37	34	14	24
30	22	39	85	168	---	68	51	24	65	31	12	24
31	22	---	72	459	---	74	---	23	---	27	11	---

TOTAL	838	1837	2349	3899	4144	2668	1743	1718	1314	2590	551.0	355.5
MEAN	27.0	61.2	75.8	126	148	86.1	58.1	55.4	43.8	83.5	17.8	11.9
MAX	50	274	347	459	712	169	165	214	171	338	81	28
MIN	19	22	39	64	76	68	41	23	17	26	7.5	7.5
CFSM	.38	.85	1.05	1.75	2.06	1.20	.81	.77	.61	1.16	.25	.16
IN.	.43	.95	1.21	2.01	2.14	1.38	.90	.89	.68	1.34	.28	.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 1999, BY WATER YEAR (WY)

MEAN	67.9	81.1	123	174	193	216	165	114	79.8	62.3	58.7	47.2
MAX	231	242	495	453	502	512	415	252	169	171	166	117
(WY)	1990	1993	1984	1993	1961	1980	1979	1998	1967	1967	1967	1988
MIN	13.8	19.2	33.1	40.1	54.4	60.0	37.2	31.3	10.5	10.5	12.3	11.9
(WY)	1982	1982	1989	1981	1986	1988	1986	1988	1988	1986	1986	1999

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1960 - 1999

ANNUAL TOTAL	62247	24006.5		
ANNUAL MEAN	171	65.8	115	
HIGHEST ANNUAL MEAN			192	1998
LOWEST ANNUAL MEAN			45.5	1986
HIGHEST DAILY MEAN	2770	Mar 9	712	Feb 1
LOWEST DAILY MEAN	19	Sep 15	7.5	Aug 22
ANNUAL SEVEN-DAY MINIMUM	20	Sep 13	8.8	Sep 2
INSTANTANEOUS PEAK FLOW			754	Feb 1
INSTANTANEOUS PEAK STAGE			6.77	Feb 1
ANNUAL RUNOFF (CFSM)	2.37		.91	
ANNUAL RUNOFF (INCHES)	32.16		12.40	
10 PERCENT EXCEEDS	295		125	
50 PERCENT EXCEEDS	82		46	
90 PERCENT EXCEEDS	26		12	

STATISTICS COMPUTED BY: ccfulk

DATE: 04/17/2000 AT: 10:30:24

e Estimated