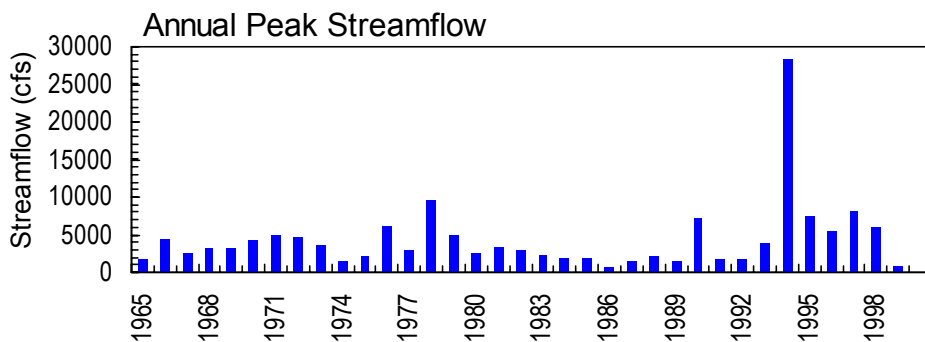
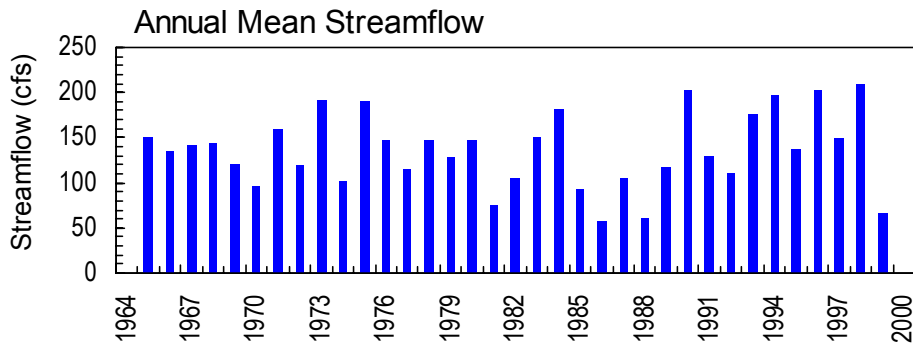
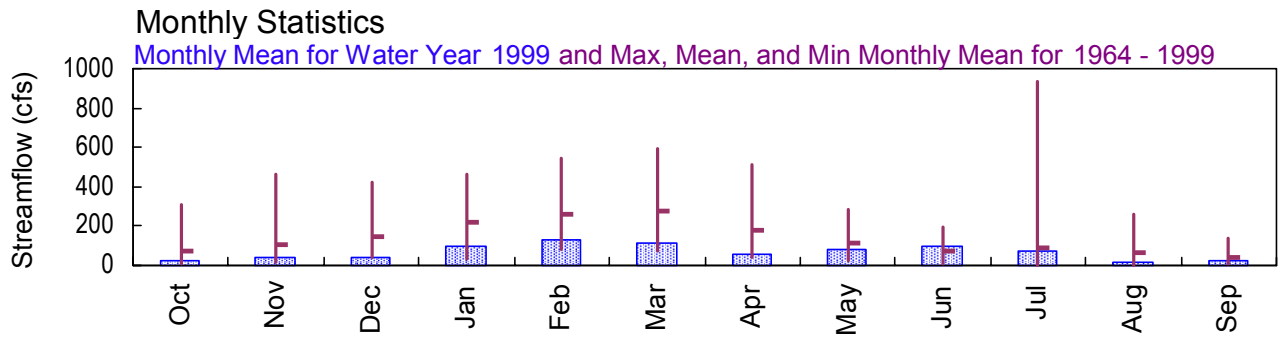
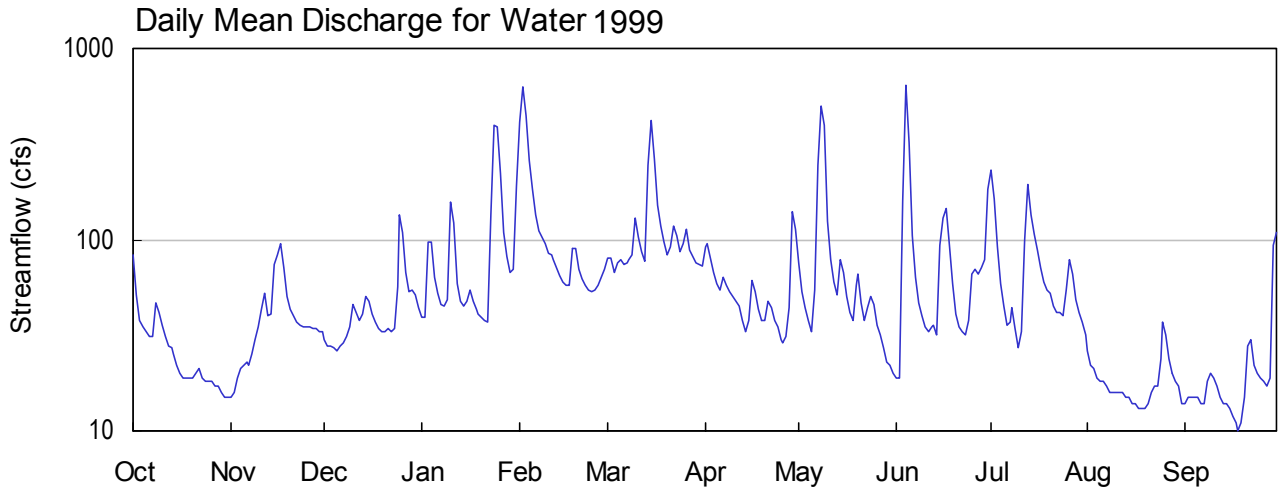


APALACHICOLA RIVER BASIN  
 LINE CREEK NEAR SENOIA, GA.

02344700

Latitude: 33° 19' 10" Longitude: 84° 31' 25" Hydrologic Unit Code: 03130005 Coweta County  
 Drainage Area: 101.00 mi<sup>2</sup> Datum: 729.5 feet Period of Record: 1964 - 1999



**APALACHICOLA RIVER BASIN  
1999 Water Year**

**02344700 LINE CREEK NEAR SENOIA, GA**

**LOCATION.**—Lat 33°19'10", long 84°31'25", Coweta-Fayette County line, Hydrologic Unit 03130005, on downstream side of bridge on State Highway 85, 2.2 miles northeast of Senoia, 4.1 miles upstream from Whitewater Creek, and 11.2 miles upstream from mouth.

**DRAINAGE AREA.**--101 mi<sup>2</sup>, approximately.

**PERIOD OF RECORD.**--September 1964 to current year.

**REVISED RECORDS.**--WDR GA-87-1: 1986 (m).

**GAGE.**--Water-stage recorder. Datum of gage is 729.5 feet above sea level (leveling by Global Positioning System equipment).

**REMARKS.**--Records good, except those for discharges above 200 ft<sup>3</sup>/s, which are poor. Low flow affected by withdrawals and return flow by several municipalities and by regulation of the water level of Lake Peachtree.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 1,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Jun. 4	1500	751*	7.70*

No other peaks greater than base discharge

STATION NUMBER 02344700 LINE CREEK NEAR SENOIA, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 331910 LONGITUDE 0843125 DRAINAGE AREA 101.00 DATUM 729.27 STATE 13 COUNTY 077

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	83	15	30	39	415	e80	91	75	19	e232	26	14
2	51	16	28	39	625	e80	95	53	19	e162	22	15
3	38	19	28	97	447	e68	80	44	161	e91	21	15
4	35	21	27	98	262	e76	68	38	643	e59	19	15
5	33	22	26	64	185	e78	59	33	320	e45	18	15
6	31	23	28	52	136	e74	55	54	104	e36	18	14
7	31	22	29	46	111	e76	63	243	63	e37	17	14
8	47	25	31	45	102	e78	58	496	47	e44	16	18
9	42	30	35	49	96	84	53	398	e40	e34	16	20
10	36	35	46	156	85	129	50	126	e35	e27	16	19
11	31	43	42	122	83	103	48	79	e33	e33	16	17
12	28	52	38	59	79	86	45	60	e35	e100	16	15
13	27	40	41	48	72	77	38	51	e36	e195	15	14
14	25	41	50	45	65	244	33	78	e32	e136	15	14
15	22	74	48	48	60	419	38	67	e94	e108	14	13
16	20	84	41	55	58	266	61	50	e129	e88	14	12
17	19	95	37	48	58	150	53	42	e147	e71	13	11
18	19	71	34	43	90	117	43	38	e94	e60	13	10
19	19	50	33	41	e90	97	38	58	e59	e54	13	11
20	19	43	33	39	e70	84	38	66	e41	e52	14	15
21	20	40	34	38	e62	92	48	47	e35	e45	16	28
22	21	37	33	37	e58	118	44	38	e33	e42	17	30
23	19	36	34	135	e55	105	38	44	e32	e42	17	22
24	18	35	57	399	e53	87	35	50	e38	e40	24	20
25	18	35	135	386	e54	96	30	46	e66	e54	37	19
26	18	35	110	224	e58	113	29	36	e70	e79	32	18
27	17	34	67	110	e64	89	31	32	e66	e66	24	17
28	17	34	53	81	e70	82	44	27	e71	e49	20	19
29	16	33	54	67	---	76	141	23	e79	e42	18	93
30	15	33	51	70	---	74	114	22	e183	37	17	110
31	15	---	44	190	---	73	---	20	---	32	14	---

TOTAL	850	1173	1377	2970	3663	3471	1661	2534	2824	2192	568	667
MEAN	27.4	39.1	44.4	95.8	131	112	55.4	81.7	94.1	70.7	18.3	22.2
MAX	83	95	135	399	625	419	141	496	643	232	37	110
MIN	15	15	26	37	53	68	29	20	19	27	13	10
CFSM	.27	.39	.44	.95	1.30	1.11	.55	.81	.93	.70	.18	.22
IN.	.31	.43	.51	1.09	1.35	1.28	.61	.93	1.04	.81	.21	.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 1999, BY WATER YEAR (WY)

MEAN	70.3	106	147	217	261	273	182	114	74.5	86.9	63.5	40.3
MAX	306	465	425	460	547	597	509	281	192	933	261	138
(WY)	1990	1993	1984	1990	1995	1971	1979	1978	1989	1994	1992	1994
MIN	4.12	13.9	44.4	36.0	83.4	71.8	43.7	21.8	4.63	3.15	3.93	5.32
(WY)	1979	1982	1999	1981	1989	1988	1986	1988	1988	1988	1986	1986

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1964 - 1999

ANNUAL TOTAL	62035	23950	
ANNUAL MEAN	170	65.6	136
HIGHEST ANNUAL MEAN			210 1998
LOWEST ANNUAL MEAN			55.5 1986
HIGHEST DAILY MEAN	3860 Mar 9	643 Jun 4	15000 Jul 5 1994
LOWEST DAILY MEAN	15 Oct 30	10 Sep 18	1.0 Oct 7 1986
ANNUAL SEVEN-DAY MINIMUM	16 Oct 27	12 Sep 13	1.3 Oct 1 1986
INSTANTANEOUS PEAK FLOW		751 Jun 4	28400 Jul 5 1994
INSTANTANEOUS PEAK STAGE		7.70 Jun 4	20.10 Jul 5 1994
ANNUAL RUNOFF (CFSM)	1.68	.65	1.34
ANNUAL RUNOFF (INCHES)	22.85	8.82	18.27
10 PERCENT EXCEEDS	358	115	278
50 PERCENT EXCEEDS	66	43	71
90 PERCENT EXCEEDS	22	17	17

STATISTICS COMPUTED BY: gabailey

DATE: 01/02/2001 AT: 15:56:33

e Estimated