



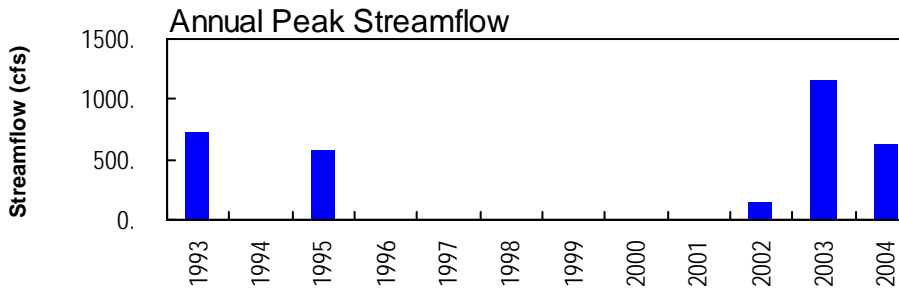
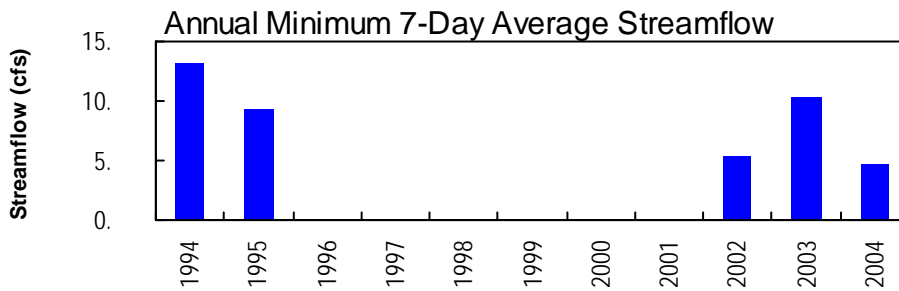
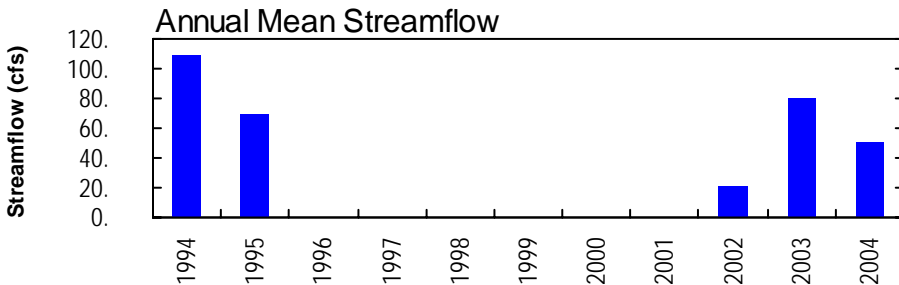
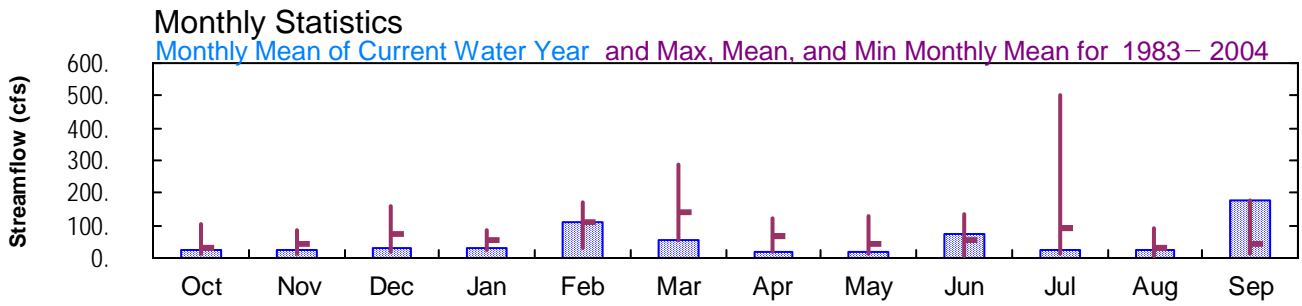
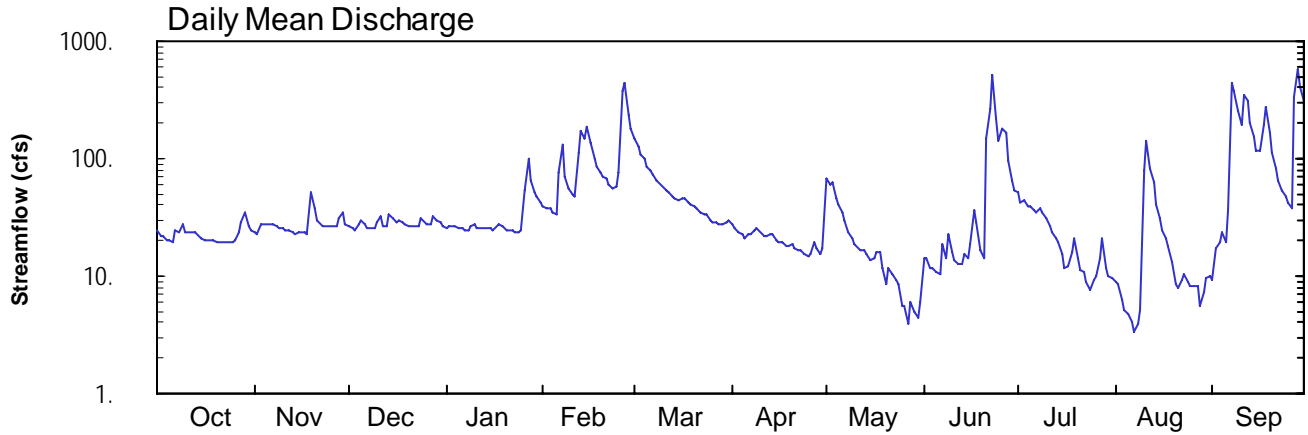
2004 Water Year
APALACHICOLA RIVER BASIN

02350080 LIME CREEK NEAR COBB, GA

Latitude: 32°02'02"
Sumter County

Longitude: 083°59'47"
Datum: 250.00 feet

Hydrologic Unit Code: 03130006
Drainage Area: 61.4 mi²



**APALACHICOLA RIVER BASIN
2004 Water Year**

02350080 LIME CREEK NEAR COBB, GA

LOCATION.--Lat 32°02'02", long 83°59'47" referenced to North American Datum (NAD) of 1927, Sumter County, Hydrologic Unit 03130006, on right side of stream, 0.4 miles upstream of bridge crossing for Spring Creek Church Road, 1.85 miles north of intersection of Spring Creek Church Road and Lower River Road, 6.85 miles north of Cobb.

DRAINAGE AREA.—61.8 square miles, approximately.

COOPERATION.—USGS National Water-Quality Assessment (NAWQA) Program.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—April 1983 to January 1984, March 1993 to February 1996, May 30, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 250.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). From April 1983 to January 1984, and from March 1993 to July 1994, a recording gage was located on bridge downstream 0.4 miles downstream.

REMARKS.—Records good.

WATER-STAGE RECORDS

PERIOD OF RECORD.—April 1983 to January 1984, March 1993 to July 1994, May 30, 2001 to current year.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 250.00 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map). From April 1983 to January 1984, and from March 1993 to July 1994, a recording gage was located on bridge downstream 0.4 miles downstream.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 14.59 feet, September 27; minimum gage-height recorded, 9.12 feet, August 8.

PRECIPITATION RECORDS

PERIOD OF RECORD.—May 30, 2001 to current year.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

STATION NUMBER 02350080 LIME CREEK NEAR COBB, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 261
 LATITUDE 320202 LONGITUDE 0835947 NAD83 DRAINAGE AREA 61.4* CONTRIBUTING DRAINAGE AREA DATUM 250.00 NGVD29

Discharge, cubic feet per second
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	23	26	26	39	149	28	69	14	51	9.0	9.4
2	22	23	25	26	37	126	26	61	14	42	8.5	17
3	22	27	25	26	38	110	24	62	12	45	6.3	20
4	20	28	28	26	35	100	23	e47	12	40	5.1	23
5	20	27	30	26	33	86	21	41	11	40	4.8	19
6	20	28	27	26	76	78	23	35	10	36	4.1	36
7	25	27	26	25	130	73	23	30	19	35	3.3	443
8	24	26	25	25	71	65	24	24	14	38	3.9	381
9	28	26	25	26	56	61	26	21	23	35	5.1	259
10	24	25	28	27	50	57	23	e19	16	31	80	191
11	24	25	32	26	48	54	22	e17	14	27	143	345
12	24	25	27	25	e111	52	22	17	13	24	82	315
13	23	24	26	25	172	48	23	16	13	21	63	205
14	22	23	33	25	150	45	23	16	15	19	42	152
15	21	23	31	25	183	44	20	13	14	15	31	118
16	20	24	29	24	136	47	19	14	18	12	25	118
17	20	23	30	26	100	46	20	16	36	12	21	195
18	20	23	29	28	85	43	18	16	29	16	18	279
19	20	51	27	27	76	41	18	12	16	21	13	167
20	20	38	27	25	71	40	18	8.6	14	14	8.5	111
21	20	29	26	24	67	38	17	12	146	11	8.1	82
22	20	27	26	24	61	35	17	10	269	11	9.2	65
23	19	26	27	24	56	34	16	9.4	505	8.8	11	54
24	19	27	32	23	58	33	15	8.7	218	7.7	8.8	47
25	19	27	29	25	77	30	15	5.5	145	9.4	8.2	43
26	20	26	27	53	382	28	15	5.7	179	9.9	8.3	38
27	23	26	27	102	442	28	20	3.9	166	14	8.3	341
28	29	32	32	64	238	28	17	6.0	96	21	5.6	570
29	e35	35	30	52	182	27	15	5.0	64	12	7.2	408
30	27	28	28	47	---	28	17	4.4	55	10	9.7	314
31	24	---	27	43	---	30	---	6.0	---	9.5	9.8	---
TOTAL	699	822	867	996	3260	1704	608	631.2	2170	698.3	670.8	5365.4
MEAN	22.5	27.4	28.0	32.1	112	55.0	20.3	20.4	72.3	22.5	21.6	179
MAX	35	51	33	102	442	149	28	69	505	51	143	570
MIN	19	23	25	23	33	27	15	3.9	10	7.7	3.3	9.4
CFSM	0.37	0.45	0.46	0.52	1.83	0.90	0.33	0.33	1.18	0.37	0.35	2.91
IN.	0.42	0.50	0.53	0.60	1.98	1.03	0.37	0.38	1.31	0.42	0.41	3.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 2004, BY WATER YEAR (WY)

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		
MEAN	30.2	40.3	71.6	52.4	107	140	66.7	41.0	53.8	94.7	31.0	40.3												
MAX	105	83.7	157	83.1	172	288	124	131	137	504	91.6	179												
(WY)	1995	1995	1995	1995	1994	1993	1993	2003	2003	1994	2003	2004												
MIN	11.9	15.3	20.7	22.6	29.3	53.2	20.3	10.5	8.26	12.2	7.64	12.9												
(WY)	2002	2002	2002	2002	2002	2002	2004	2002	2002	2002	1983	1993												

SUMMARY STATISTICS

FOR 2003 CALENDAR YEAR

FOR 2004 WATER YEAR

WATER YEARS 1983 - 2004

ANNUAL TOTAL	27774	18491.7		
ANNUAL MEAN	76.1	50.5	66.1	
HIGHEST ANNUAL MEAN			110	1994
LOWEST ANNUAL MEAN			20.9	2002
HIGHEST DAILY MEAN	773	May 23	570	Sep 28
LOWEST DAILY MEAN	15	Sep 20	3.3	Aug 7
ANNUAL SEVEN-DAY MINIMUM	18	Sep 16	4.7	Aug 3
MAXIMUM PEAK FLOW			633	Sep 27
MAXIMUM PEAK STAGE			14.59	Sep 27
INSTANTANEOUS LOW FLOW			1.9	Aug 8
ANNUAL RUNOFF (CFSM)	1.24		0.823	
ANNUAL RUNOFF (INCHES)	16.83		11.20	
10 PERCENT EXCEEDS	166		113	140
50 PERCENT EXCEEDS	42		26	32
90 PERCENT EXCEEDS	24		10	11

e Estimated

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

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 LATITUDE 320202 LONGITUDE 0835947 NAD83 DRAINAGE AREA 61.4* CONTRIBUTING DRAINAGE AREA DATUM 250.00 NGVD29

Gage height, feet
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.24	10.21	10.28	10.27	10.53	11.73	10.21	10.83	9.79	10.67	9.70	9.72
2	10.17	10.19	10.26	10.27	10.50	11.52	10.17	10.73	9.81	10.53	9.67	10.02
3	10.15	10.30	10.25	10.28	10.51	11.36	10.11	10.75	9.72	10.59	9.54	10.09
4	10.12	10.32	10.32	10.27	10.46	11.26	10.09	---	9.71	10.51	9.46	10.21
5	10.10	10.31	10.35	10.27	10.43	11.11	10.05	10.39	9.68	10.50	9.43	10.09
6	10.10	10.31	10.30	10.27	10.90	11.02	10.08	10.28	9.66	10.44	9.38	10.26
7	10.24	10.30	10.27	10.25	11.54	10.95	10.09	10.16	9.95	10.42	9.30	13.66
8	10.21	10.28	10.26	10.24	10.96	10.85	10.13	10.02	9.82	10.48	9.33	13.31
9	10.31	10.27	10.26	10.28	10.78	10.80	10.17	9.93	10.05	10.43	9.46	12.56
10	10.21	10.25	10.32	10.30	10.70	10.75	10.10	---	9.88	10.35	10.40	12.06
11	10.22	10.24	10.40	10.27	10.67	10.70	10.07	---	9.80	10.27	11.63	13.10
12	10.22	10.24	10.30	10.25	---	10.67	10.07	9.81	9.77	10.19	11.08	12.92
13	10.20	10.22	10.28	10.25	11.92	10.61	10.09	9.80	9.77	10.13	10.86	12.18
14	10.18	10.19	10.42	10.25	11.72	10.56	10.08	9.77	9.87	10.07	10.57	11.75
15	10.14	10.20	10.39	10.25	12.01	10.55	10.01	9.69	9.82	9.95	10.37	11.44
16	10.12	10.21	10.33	10.23	11.60	10.59	9.99	9.71	9.94	9.81	10.24	11.43
17	10.11	10.20	10.35	10.27	11.27	10.57	10.00	9.79	10.30	9.84	10.13	12.10
18	10.11	10.20	10.33	10.31	11.11	10.53	9.96	9.79	10.21	9.95	10.05	12.69
19	10.10	10.69	10.31	10.30	11.01	10.50	9.95	9.63	9.90	10.12	9.88	11.87
20	10.10	10.51	10.29	10.25	10.96	10.47	9.96	9.51	9.82	9.92	9.67	11.37
21	10.10	10.35	10.28	10.23	10.92	10.44	9.92	9.67	11.59	9.81	9.65	11.06
22	10.10	10.30	10.28	10.23	10.84	10.38	9.90	9.61	12.55	9.79	9.71	10.85
23	10.09	10.28	10.29	10.22	10.78	10.35	9.90	9.58	13.98	9.69	9.77	10.70
24	10.09	10.29	10.39	10.21	10.81	10.34	9.86	9.55	12.25	9.63	9.69	10.60
25	10.09	10.30	10.35	10.23	11.00	10.28	9.85	9.36	11.68	9.71	9.66	10.52
26	10.10	10.28	10.31	10.66	13.32	10.23	9.85	9.38	11.96	9.74	9.66	10.43
27	10.20	10.27	10.30	11.27	13.66	10.23	10.00	9.25	11.87	9.87	9.66	12.72
28	10.32	10.39	10.40	10.88	12.42	10.22	9.92	9.42	11.20	10.12	9.49	14.31
29	---	10.45	10.35	10.73	12.00	10.21	9.86	9.35	10.85	9.83	9.60	13.46
30	10.29	10.32	10.32	10.65	---	10.23	9.89	9.29	10.73	9.75	9.73	12.91
31	10.23	---	10.29	10.59	---	10.26	---	9.42	---	9.72	9.74	---
MEAN	---	10.30	10.32	10.36	---	10.65	10.01	---	10.53	10.09	9.89	11.68
MAX	---	10.69	10.42	11.27	---	11.73	10.21	---	13.98	10.67	11.63	14.31
MIN	---	10.19	10.25	10.21	---	10.21	9.85	---	9.66	9.63	9.30	9.72

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Precipitation, total, inches
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
 DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	---	0.00	---	0.00	0.00	1.22	1.57	0.02	0.00	1.05
2	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.47	0.08	0.20	0.00	0.52
3	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.06	0.29	0.00	0.00
4	0.00	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.03	0.00	0.00	0.00	1.30	0.09	0.00	0.00	0.00	0.00	0.00	3.90
7	0.51	0.00	---	0.00	0.00	0.00	0.00	0.00	1.72	0.08	0.00	1.51
8	---	0.00	0.00	0.06	0.00	0.00	0.17	0.00	0.00	0.30	0.00	0.04
9	0.00	0.00	0.00	---	0.18	0.00	0.00	0.00	0.18	0.00	0.00	0.00
10	0.01	0.00	0.27	---	0.01	0.00	0.00	0.00	0.00	0.00	3.25	0.84
11	0.09	0.00	0.01	---	0.24	0.00	0.00	0.00	0.00	0.00	0.19	0.02
12	0.00	0.00	---	0.00	---	0.00	0.00	0.02	0.00	0.00	0.24	0.00
13	0.00	0.00	0.20	0.00	0.01	0.00	0.20	0.00	1.48	0.00	0.01	0.20
14	0.00	0.00	0.23	0.00	0.86	---	0.00	0.00	0.08	0.04	0.01	0.00
15	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.05	0.00	0.00	0.00
16	0.00	0.00	0.01	0.00	0.00	0.10	0.00	0.21	0.72	0.04	0.00	1.30
17	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.85	0.01	0.00	0.01
18	0.00	0.79	0.00	0.16	0.00	0.00	0.00	0.14	0.00	0.28	0.00	0.00
19	0.00	0.54	---	0.00	0.00	0.00	0.18	0.04	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.08	0.00	0.00	0.00
21	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	1.63	0.00	0.03	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	0.46	0.00
23	0.00	0.00	0.26	---	0.09	0.00	0.00	0.00	0.51	0.00	0.00	0.00
24	0.00	0.08	0.01	0.00	0.08	0.00	0.00	0.00	0.02	0.02	0.00	0.00
25	0.00	0.00	---	0.18	1.64	0.00	0.00	0.00	0.27	0.15	0.00	0.00
26	0.22	0.00	0.00	---	---	0.00	0.34	0.00	0.65	0.02	0.00	0.04
27	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.57	0.00	4.55
28	1.07	0.66	0.00	0.00	0.00	---	0.00	0.00	0.06	0.00	0.00	0.01
29	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.15	0.00
30	0.00	---	---	0.00	---	0.14	1.41	0.00	0.00	0.01	0.04	0.00
31	0.00	---	---	0.00	---	0.07	---	0.04	---	0.00	0.09	---
TOTAL	---	---	---	---	---	---	2.30	2.34	12.62	2.03	4.47	13.99