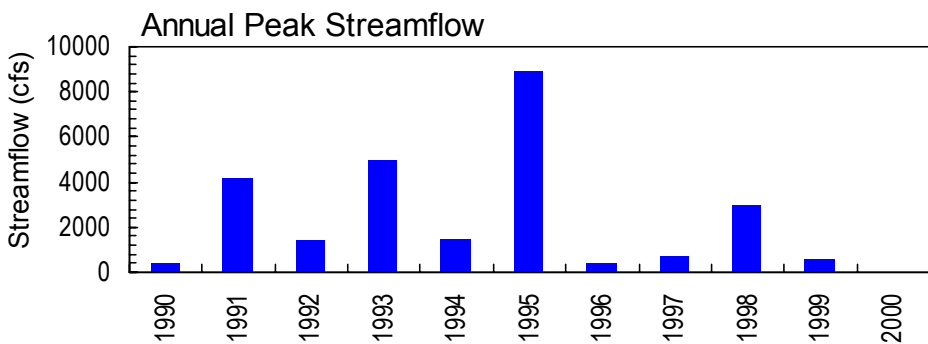
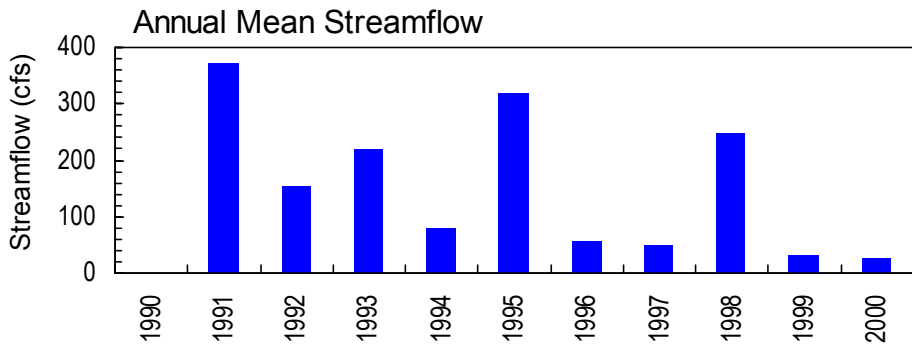
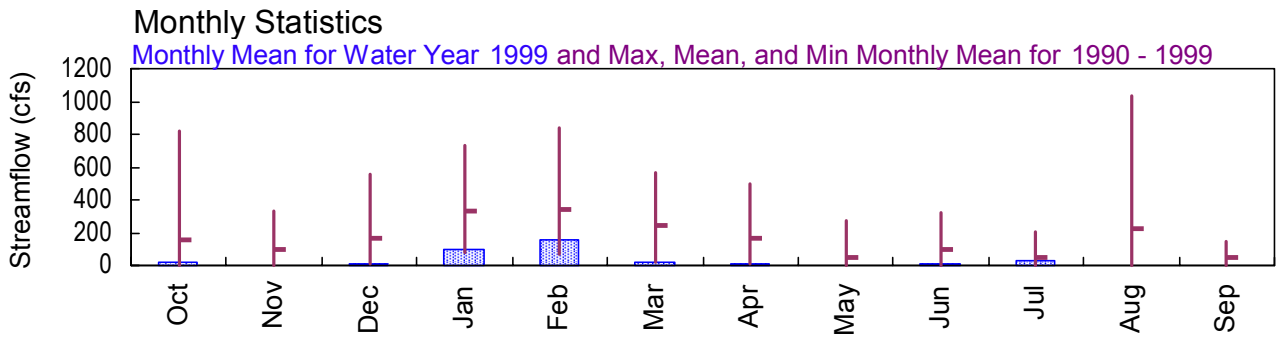
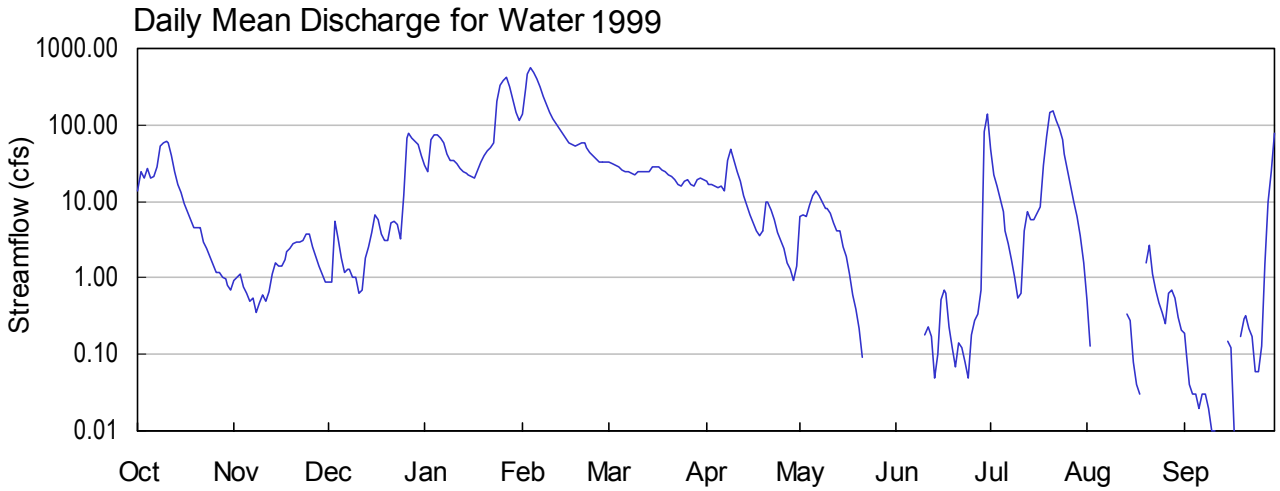


SAVANNAH RIVER BASIN  
 EBENEZER CREEK AT SPRINGFIELD, GA

02198690  
 Latitude: 32° 21' 56" Longitude: 81° 17' 51" Hydrologic Unit Code: 03060109 Effingham County  
 Drainage Area: 181.00 mi<sup>2</sup> Datum: 20.00 feet Period of Record: 1990 - 1999



USGS  
 02198690 Ebenezzer Creek at Springfield, GA  
 April 25, 1990

**SAVANNAH RIVER BASIN  
1999 Water Year**

**02198690 EBENEZER CREEK AT SPRINGFIELD, GA**

**LOCATION.**--Lat 32°21'56", long 81°17'51", Effingham County, Hydrologic Unit 03060109, at downstream side of bridge pier on Stillwell Road, 0.5 miles east of Springfield, and 3 miles upstream from Little Ebenezer Creek.

**DRAINAGE AREA.**--181 mi<sup>2</sup>.

**PERIOD OF RECORD.**--March 1990 to current year.

**GAGE.**--Water-stage recorder. Elevation of gage is 20 feet above sea level (from topographic map). Prior to April 25, 1990, non-recording gage located at same site and datum.

**REMARKS.**--Records good, except those less than 10 ft<sup>3</sup>/s, which are fair.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 800 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Feb. 4	1230	593*	10.24*

No other peaks greater than base discharge

STATION NUMBER 02198690 EBENEZER CREEK AT SPRINGFIELD, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 322156 LONGITUDE 0811751 DRAINAGE AREA 181.0 DATUM 20 STATE 13 COUNTY 103

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	14	.94	.87	29	142	32	18	6.3	.00	47	.53	.19
2	25	1.0	.88	24	300	31	17	6.8	.00	22	.13	.11
3	20	1.1	5.4	65	472	30	17	6.5	.00	16	.00	.04
4	27	.76	3.2	75	573	28	16	8.7	.00	11	.00	.03
5	20	.64	1.8	73	496	26	15	12	.00	7.3	.00	.03
6	21	.49	1.2	68	396	25	16	14	.04	4.2	.00	.02
7	28	.55	1.3	58	310	25	14	12	.00	2.8	.00	.03
8	52	.35	1.3	42	238	23	35	10	.00	1.7	.00	.03
9	57	.48	1.0	34	183	22	48	8.2	.00	1.0	.00	.02
10	60	.60	1.0	34	147	25	35	8.0	.18	.55	.00	.01
11	57	.50	.62	31	120	24	24	6.9	.23	.63	.00	.01
12	40	.66	.70	27	104	25	18	5.2	.17	4.1	.00	.00
13	25	1.1	1.8	24	88	24	12	4.2	.05	7.2	.00	.00
14	17	1.6	2.5	23	76	25	8.9	4.2	.10	5.9	.33	.00
15	13	1.4	3.9	22	67	28	6.8	2.5	.51	5.7	.28	.15
16	9.3	1.4	6.7	21	59	28	5.2	1.9	.71	6.9	.08	.12
17	7.2	1.7	5.8	20	55	28	4.2	1.1	.64	8.6	.04	.01
18	5.8	2.2	3.7	26	53	26	3.6	.59	.23	29	.03	.00
19	4.6	2.4	3.1	32	56	24	4.1	.39	.12	71	.00	.17
20	4.6	2.8	3.1	39	58	22	10	.22	.07	144	1.6	.29
21	4.5	3.0	5.3	46	57	21	10	.09	.14	150	2.7	.32
22	3.0	2.9	5.5	51	51	19	7.8	.00	.12	117	1.1	.22
23	2.4	3.1	5.1	59	44	17	5.7	.00	.08	88	.69	.17
24	1.9	3.7	3.3	206	39	16	4.0	.00	.05	65	.48	.06
25	1.5	3.8	12	323	36	18	3.1	.00	.18	42	.36	.06
26	1.2	2.6	67	374	33	19	2.4	.00	.28	26	.25	.13
27	1.2	1.9	76	414	32	17	1.6	.00	.34	16	.63	1.5
28	1.0	1.4	67	316	32	16	1.3	.00	.69	10	.69	10
29	.96	1.1	60	216	---	19	.94	.00	83	6.3	.54	24
30	.81	.89	56	149	---	20	1.4	.00	141	3.6	.30	77
31	.68	---	39	116	---	19	---	.00	---	1.6	.21	---

TOTAL	526.65	47.06	446.07	3037	4317	722	366.04	119.79	228.93	922.08	10.97	114.72
MEAN	17.0	1.57	14.4	98.0	154	23.3	12.2	3.86	7.63	29.7	.35	3.82
MAX	60	3.8	76	414	573	32	48	14	141	150	2.7	77
MIN	.68	.35	.62	20	32	16	.94	.00	.00	.55	.00	.00
CFSM	.09	.01	.08	.54	.85	.13	.07	.02	.04	.16	.00	.02
IN.	.11	.01	.09	.62	.89	.15	.08	.02	.05	.19	.00	.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1999, BY WATER YEAR (WY)

MEAN	152	98.0	164	329	342	244	168	50.8	96.3	46.4	229	47.1
MAX	817	327	557	734	838	564	494	275	324	206	1033	148
(WY)	1995	1993	1995	1993	1998	1998	1998	1991	1991	1991	1991	1992
MIN	.55	1.57	14.4	76.3	72.2	23.3	12.2	1.64	1.94	.053	.35	.12
(WY)	1994	1999	1999	1996	1996	1999	1999	1995	1998	1990	1999	1993

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1990 - 1999

ANNUAL TOTAL		77066.40		10858.31								
ANNUAL MEAN		211		29.7						170		
HIGHEST ANNUAL MEAN										373		1991
LOWEST ANNUAL MEAN										29.7		1999
HIGHEST DAILY MEAN		2740	Mar 10	573	Feb 4				7010		Aug 27	1995
LOWEST DAILY MEAN		.03	Aug 27	.00	May 22				.00		May 22	1999
ANNUAL SEVEN-DAY MINIMUM		.06	Aug 25	.00	May 22				.00		May 22	1999
INSTANTANEOUS PEAK FLOW				593	Feb 4				8960		Aug 26	1995
INSTANTANEOUS PEAK STAGE				10.24	Feb 4				17.80		Aug 26	1995
ANNUAL RUNOFF (CFSM)		1.17		.16					.94			
ANNUAL RUNOFF (INCHES)		15.84		2.23					12.73			
10 PERCENT EXCEEDS		682		67					409			
50 PERCENT EXCEEDS		13		4.5					41			
90 PERCENT EXCEEDS		.29		.01					.42			

STATISTICS COMPUTED BY: btwhite

DATE: 05/04/2000 AT: 10:58:56