

SAVANNAH RIVER BASIN

02198100

BEAVERDAM CREEK NEAR SARDIS, GEORGIA

Latitude: 32° 56' 15" Longitude: 81° 48' 56" Hydrologic Unit Code: 03060108

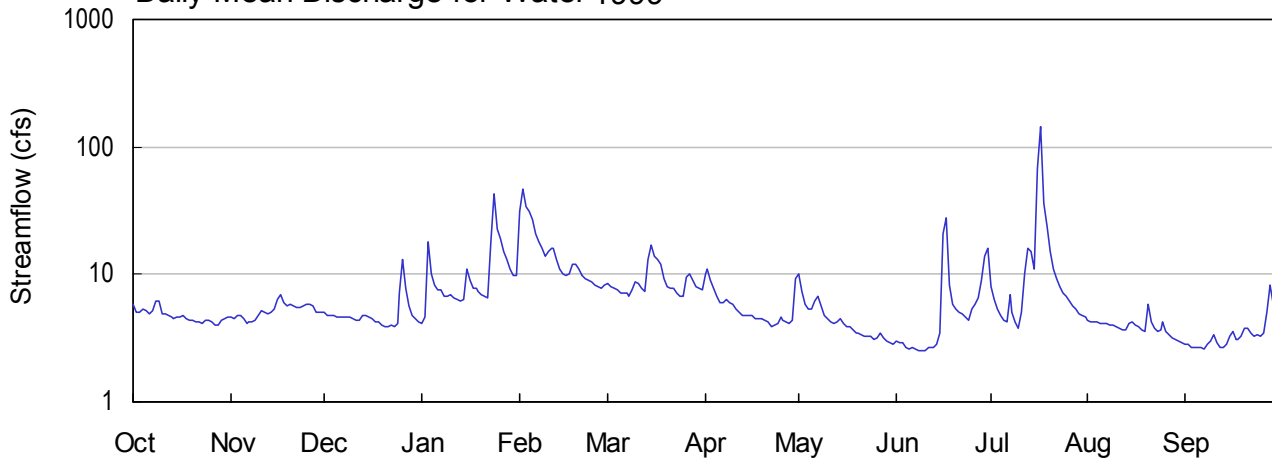
Burke County

Drainage Area: 30.80 mi²

Datum: 186.4 feet

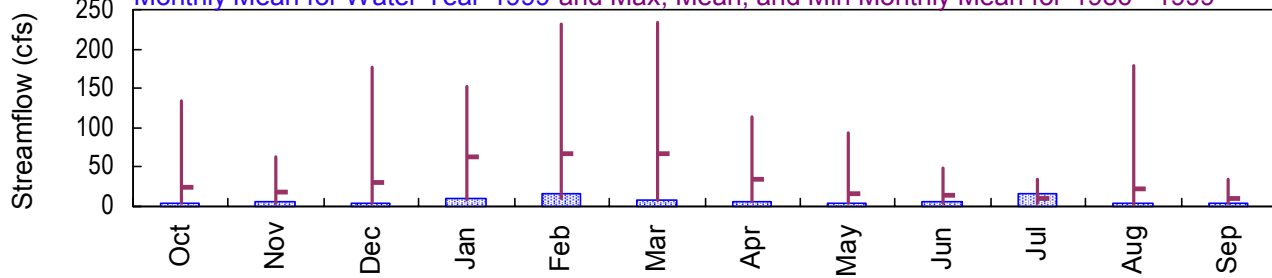
Period of Record: 1986 - 1999

Daily Mean Discharge for Water 1999

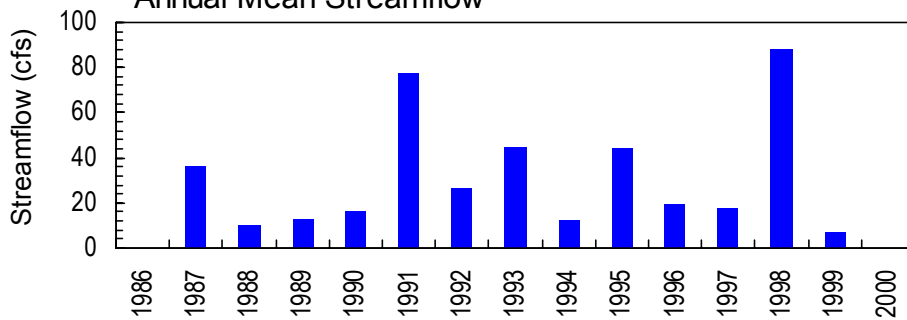


Monthly Statistics

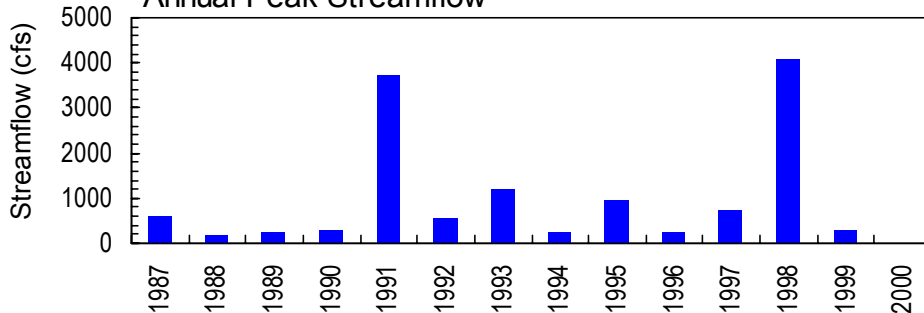
Monthly Mean for Water Year 1999 and Max, Mean, and Min Monthly Mean for 1986 - 1999



Annual Mean Streamflow



Annual Peak Streamflow



USGS
02198100 Beaverdam Creek near Sardis, GA
September 4, 1991

**SAVANNAH RIVER BASIN
1999 Water Year**

02198100 BEAVERDAM CREEK NEAR SARDIS, GA

LOCATION.--Lat 32°56'15", long 81°48'56", Burke-Jenkins County line, Hydrologic Unit 03060108, at downstream side of bridge on State Highway 23, 0.8 miles downstream from Slough Branch, and 4.2 miles southwest of Sardis.

DRAINAGE AREA.--30.8 mi².

PERIOD OF RECORD.--June 1986 to current year.

GAGE.--Water-stage recorder. Datum of gage is 186.48 feet above sea level.

REMARKS.--Records good.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 400 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
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Jul. 17	0400	272*	5.63*
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No other peaks greater than base discharge

STATION NUMBER 02198100 BEAVERDAM C (SR 23) NR SARDIS, GEORGIA STREAM SOURCE AGENCY USGS
 LATITUDE 325615 LONGITUDE 0814856 DRAINAGE AREA 30.80 DATUM 186.48 STATE 13 COUNTY 033

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	5.8	4.6	5.0	4.1	31	8.4	10	10	3.0	8.0	4.4	2.8
2	5.1	4.5	4.8	4.6	47	7.9	11	7.4	2.9	6.3	4.3	2.8
3	5.1	4.8	4.7	18	34	7.7	9.1	5.8	2.9	5.4	4.2	2.7
4	5.3	4.8	4.7	10	31	7.6	7.7	5.3	2.7	4.8	4.2	2.7
5	5.2	4.5	4.6	8.3	27	7.2	6.8	5.3	2.6	4.4	4.1	2.7
6	4.9	4.1	4.6	7.5	21	7.1	6.0	6.2	2.7	4.3	4.1	2.7
7	5.2	4.2	4.6	7.5	18	7.1	6.0	6.8	2.6	6.9	4.1	2.6
8	6.2	4.2	4.6	6.8	16	6.8	6.4	5.7	2.5	5.1	4.0	2.8
9	6.1	4.4	4.6	6.8	14	7.6	6.0	4.8	2.5	4.2	4.0	3.0
10	4.9	4.8	4.5	6.9	15	8.8	5.9	4.5	2.5	3.8	3.9	3.4
11	4.9	5.2	4.4	6.5	16	8.4	5.4	4.2	2.7	5.1	3.8	2.9
12	4.7	5.1	4.4	6.3	16	7.7	5.1	4.1	2.7	10	3.7	2.7
13	4.6	4.9	4.7	6.2	13	7.3	4.8	4.2	2.7	16	3.7	2.7
14	4.5	5.0	4.8	6.3	11	13	4.7	4.5	2.8	15	4.1	2.8
15	4.6	5.4	4.6	11	10	17	4.7	4.1	3.5	11	4.3	3.3
16	4.6	6.3	4.5	9.0	9.9	14	4.8	3.9	21	69	4.0	3.6
17	4.8	7.0	4.3	7.8	10	13	4.5	3.9	28	146	3.9	3.1
18	4.5	6.0	4.2	7.8	12	12	4.5	3.7	8.2	36	3.7	3.1
19	4.4	5.7	4.0	7.4	12	9.3	4.5	3.5	5.9	24	3.6	3.3
20	4.4	5.8	3.9	6.9	11	7.9	4.4	3.5	5.3	15	5.8	3.8
21	4.2	5.7	3.9	6.7	9.7	7.7	4.3	3.4	5.1	11	4.3	3.8
22	4.3	5.5	4.0	6.6	9.2	7.8	3.9	3.3	4.9	9.2	3.8	3.5
23	4.1	5.5	3.9	18	9.0	7.2	4.0	3.3	4.6	8.1	3.6	3.3
24	4.4	5.6	4.1	43	8.7	6.8	4.1	3.3	4.4	7.1	3.7	3.4
25	4.4	5.8	7.1	23	8.2	6.8	4.6	3.1	5.3	6.7	4.2	3.3
26	4.3	5.8	13	19	8.0	9.5	4.4	3.2	5.9	6.1	3.6	3.5
27	4.0	5.7	7.8	15	7.8	10	4.3	3.5	6.6	5.6	3.4	5.0
28	4.0	5.1	5.7	13	8.3	9.0	4.1	3.2	8.9	5.3	3.2	8.3
29	4.4	5.0	4.8	11	---	8.1	4.4	3.0	14	4.9	3.1	5.9
30	4.5	5.0	4.5	9.9	---	7.8	9.2	2.9	16	4.7	3.0	6.2
31	4.6	---	4.2	9.9	---	7.5	---	2.8	---	4.6	2.9	---

TOTAL	147.0	156.0	153.5	330.8	443.8	274.0	169.6	136.4	185.4	473.6	120.7	105.7
MEAN	4.74	5.20	4.95	10.7	15.8	8.84	5.65	4.40	6.18	15.3	3.89	3.52
MAX	6.2	7.0	13	43	47	17	11	10	28	146	5.8	8.3
MIN	4.0	4.1	3.9	4.1	7.8	6.8	3.9	2.8	2.5	3.8	2.9	2.6
CFSM	.15	.17	.16	.35	.51	.29	.18	.14	.20	.50	.13	.11
IN.	.18	.19	.19	.40	.54	.33	.20	.16	.22	.57	.15	.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1999, BY WATER YEAR (WY)

MEAN	25.2	19.1	31.3	62.3	66.1	67.0	34.1	16.3	13.6	10.7	21.5	9.17
MAX	135	63.5	176	153	232	233	114	92.8	49.1	34.3	179	34.5
(WY)	1991	1993	1998	1998	1998	1998	1998	1991	1992	1991	1991	1992
MIN	3.49	4.84	4.95	8.55	9.82	8.84	5.65	3.97	3.23	3.18	2.85	3.17
(WY)	1988	1994	1999	1994	1989	1999	1999	1995	1990	1986	1993	1993

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1986 - 1999

ANNUAL TOTAL	24609.2			2696.5					
ANNUAL MEAN	67.4			7.39			30.8		
HIGHEST ANNUAL MEAN							88.0 1998		
LOWEST ANNUAL MEAN							5.03 1986		
HIGHEST DAILY MEAN	3010	Mar	9	146	Jul	17	3010	Mar	9 1998
LOWEST DAILY MEAN	3.2	Aug	5	2.5	Jun	8	2.4	Aug	6 1993
ANNUAL SEVEN-DAY MINIMUM	3.3	Aug	2	2.6	Jun	4	2.5	Jul	31 1993
INSTANTANEOUS PEAK FLOW				272	Jul	17			
INSTANTANEOUS PEAK STAGE				5.63	Jul	17	8.49	Mar	9 1998
ANNUAL RUNOFF (CFSM)	2.19			.24			1.00		
ANNUAL RUNOFF (INCHES)	29.72			3.26			13.59		
10 PERCENT EXCEEDS	152			12			66		
50 PERCENT EXCEEDS	5.8			4.9			7.9		
90 PERCENT EXCEEDS	4.0			3.2			3.5		

STATISTICS COMPUTED BY: btwhite

DATE: 05/03/2000 AT: 08:55:24