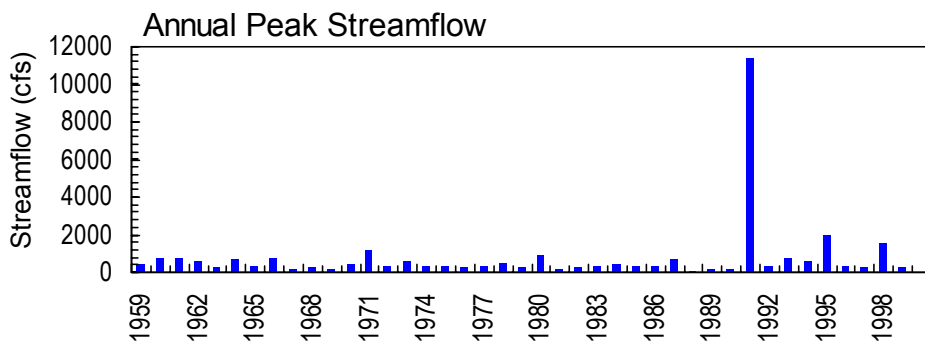
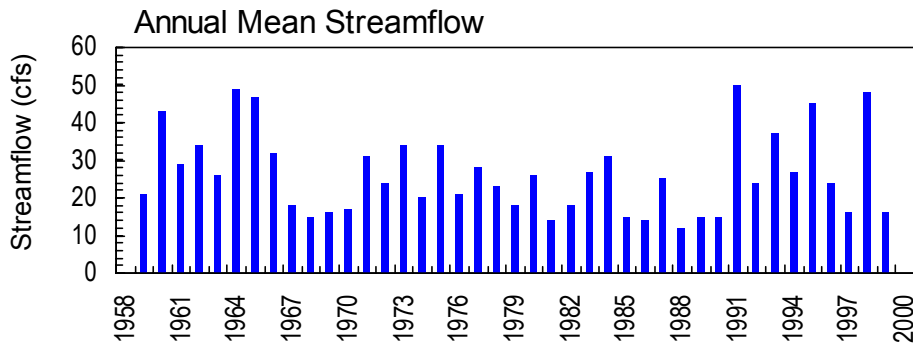
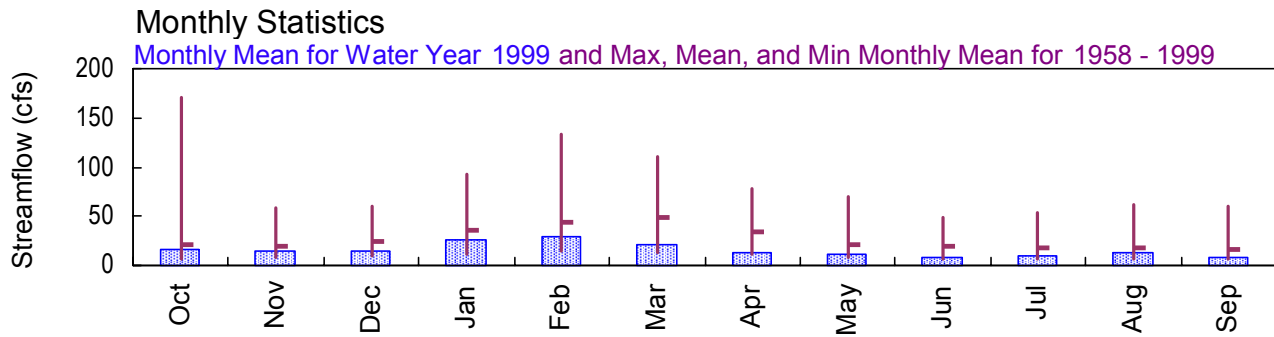
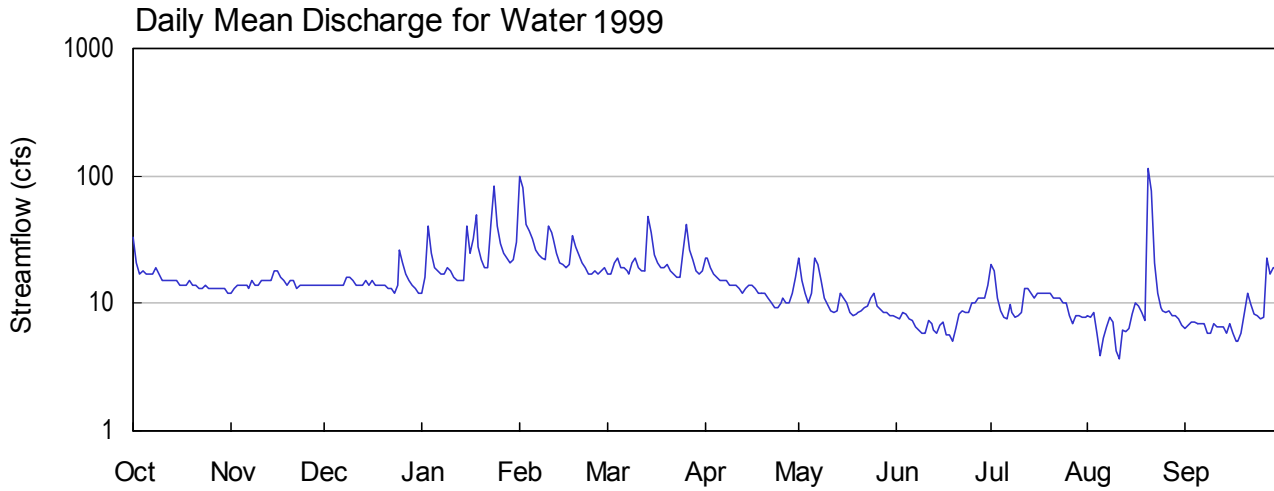


SAVANNAH RIVER BASIN  
BRUSHY CREEK NEAR WRENS, GA.

02197600 Latitude: 33° 10' 37" Longitude: 82° 18' 21" Hydrologic Unit Code: 03060108 Jefferson County  
Drainage Area: 28.00 mi<sup>2</sup> Datum: 282.5 feet Period of Record: 1958 - 1999



02197600 Brushy Creek near Wrens, GA  
September 4, 1991

**SAVANNAH RIVER BASIN  
1999 Water Year**

**02197600 BRUSHY CREEK NEAR WRENS, GA**

**LOCATION.**--Lat 33°10'37", long 82°18'20", Jefferson County, Hydrologic Unit 03060108, at right bank on downstream side of bridge on State Highway 80, 5 miles southeast of Wrens, and 5.5 miles upstream from Little Brushy Creek.

**DRAINAGE AREA.**--28.0 mi<sup>2</sup>.

**PERIOD OF RECORD.**--May 1958 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 282.56 feet above sea level (levels by the Georgia Department of Transportation).

**REMARKS.**--Records fair. Discharge during growing season affected by undetermined amount of irrigation withdrawal. Moderate diurnal fluctuation occurs at low flow.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than base discharge of 300 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Aug. 20	2000	246*	5.95*

No other peaks greater than base discharge

STATION NUMBER 02197600 BRUSHY CREEK NEAR WRENS, GA. STREAM SOURCE AGENCY USGS  
 LATITUDE 331037 LONGITUDE 0821821 DRAINAGE AREA 28.00 DATUM 282.56 STATE 13 COUNTY 163

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	33	12	14	12	99	17	23	23	7.7	20	8.1	6.3
2	21	13	14	16	81	17	23	15	7.5	18	7.8	6.7
3	17	14	14	41	42	21	19	12	8.5	11	8.6	7.1
4	18	14	14	25	37	23	17	10	8.2	8.8	5.8	7.1
5	17	14	14	19	32	19	16	12	7.5	7.8	3.9	6.9
6	17	14	14	18	26	19	15	23	7.4	7.5	5.4	6.9
7	17	13	14	17	24	18	15	20	6.5	9.7	6.6	6.9
8	19	15	16	17	23	17	15	15	6.1	8.4	7.7	5.8
9	17	14	16	19	22	21	14	11	5.9	7.8	7.1	5.9
10	15	14	15	18	41	23	14	9.8	5.8	7.9	4.2	7.0
11	15	15	14	16	36	19	14	8.8	7.3	8.4	3.7	6.5
12	15	15	14	15	32	18	13	8.6	6.9	13	6.1	6.6
13	15	15	14	15	25	18	12	8.8	6.1	13	6.0	6.5
14	15	15	15	15	21	48	13	12	5.9	12	6.4	5.8
15	15	18	14	40	20	36	14	11	6.8	11	8.3	6.9
16	14	18	15	25	19	24	14	10	7.2	12	10	5.9
17	14	16	14	32	20	21	13	8.6	5.7	12	9.5	5.0
18	14	15	14	50	34	19	12	8.1	5.6	12	8.5	5.1
19	15	14	14	28	28	19	12	8.2	5.1	12	7.3	5.9
20	14	15	14	22	24	20	12	8.4	6.3	12	114	8.5
21	14	15	13	19	21	18	11	8.7	8.2	11	77	12
22	13	13	13	19	19	17	10	9.3	8.7	11	21	9.7
23	13	14	12	42	17	16	9.2	9.6	8.5	11	12	8.3
24	14	14	14	83	17	16	9.2	11	8.4	10	9.3	8.0
25	13	14	26	40	18	26	10	12	10	10	8.7	7.6
26	13	14	21	29	17	42	11	9.6	10	7.9	8.5	7.8
27	13	14	17	25	18	26	10	9.0	11	6.9	8.7	23
28	13	14	15	23	19	22	10	8.6	11	8.0	8.1	17
29	13	14	14	21	---	18	12	8.4	11	8.1	8.0	19
30	13	14	13	22	---	17	16	8.1	14	7.8	7.5	19
31	12	---	12	30	---	18	---	8.0	---	7.7	6.8	---

TOTAL	481	433	457	813	832	673	408.4	345.6	234.8	323.7	420.6	260.7
MEAN	15.5	14.4	14.7	26.2	29.7	21.7	13.6	11.1	7.83	10.4	13.6	8.69
MAX	33	18	26	83	99	48	23	23	14	20	114	23
MIN	12	12	12	12	17	16	9.2	8.0	5.1	6.9	3.7	5.0
CFSM	.55	.52	.53	.94	1.06	.78	.49	.40	.28	.37	.48	.31
IN.	.64	.58	.61	1.08	1.11	.89	.54	.46	.31	.43	.56	.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 1999, BY WATER YEAR (WY)

MEAN	20.6	19.2	23.7	36.1	44.2	48.2	33.7	21.4	18.7	18.1	18.0	16.1
MAX	171	58.6	60.2	92.7	133	110	78.8	69.2	48.3	53.1	61.5	59.6
(WY)	1991	1993	1965	1995	1995	1980	1962	1964	1994	1964	1964	1998
MIN	6.77	8.73	9.42	11.8	15.4	13.2	11.1	7.92	6.73	5.71	6.27	5.99
(WY)	1988	1982	1989	1981	1968	1988	1986	1988	1990	1986	1986	1990

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1958 - 1999

ANNUAL TOTAL		16038.6		5682.8								
ANNUAL MEAN		43.9		15.6						26.3		
HIGHEST ANNUAL MEAN										50.1		1991
LOWEST ANNUAL MEAN										11.7		1988
HIGHEST DAILY MEAN		856	Mar 9		114	Aug 20			3800		Oct 12	1990
LOWEST DAILY MEAN		8.9	Aug 7		3.7	Aug 11			3.6		Jul 22	1988
ANNUAL SEVEN-DAY MINIMUM		9.5	Aug 2		5.5	Aug 5			3.9		Jul 1	1990
INSTANTANEOUS PEAK FLOW					246	Aug 20			11400		Oct 12	1990
INSTANTANEOUS PEAK STAGE					5.95	Aug 20			14.02		Oct 12	1990
ANNUAL RUNOFF (CFSM)		1.57		.56					.94			
ANNUAL RUNOFF (INCHES)		21.31		7.55					12.78			
10 PERCENT EXCEEDS		76		24					47			
50 PERCENT EXCEEDS		18		14					16			
90 PERCENT EXCEEDS		13		6.9					8.7			

STATISTICS COMPUTED BY: darrelle

DATE: 08/29/2000 AT: 11:19:06