

**SAVANNAH RIVER BASIN
1999 Water Year**

**02197500 SAVANNAH RIVER AT BURTONS FERRY BRIDGE, NEAR
MILLHAVEN, GA**

LOCATION.--Lat 32°56'20", long 81°30'10", Screven County, GA-Allendale County, SC, Hydrologic Unit 03060106, on right bank 500 feet downstream of bridge on U.S. Highway 301, 2.0 miles downstream from Rocky Creek, 9.0 miles east of Millhaven, and at mile 118.7.

DRAINAGE AREA.--8,650 mi², approximately.

PERIOD OF RECORD.--October 1939 to September 1970, October 1982 to current year.

GAGE.--Data collection platform. Datum of gage is 54.42 feet above sea level.

REMARKS.--Records good. Flow regulated by Lake Burton, Mathis Reservoir, Hartwell Lake, Richard B. Russell Reservoir, and Thurmond Lake. (See "Lakes and Reservoirs in Savannah River Basin", stations 02178500, 02179500, 02187250, 02189004, and 02194500). Current water year information can be obtained by contacting the USGS, South Carolina District.

STATION NUMBER 02197500 SAVANNAH R AT BURTONS FERRY BR NR MILLHAVEN, GA STREAM SOURCE AGENCY USGS
 LATITUDE 325620 LONGITUDE 0813010 DRAINAGE AREA 8650 DATUM 52.42 STATE 13 COUNTY 251

,PUBLISHED

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	8000	6620	6610	5530	6850	5800	6870	6710	4610	6380	5240	7280
2	8130	6190	6760	5770	9100	5910	6730	6760	4490	6450	5180	7170
3	7830	6110	6890	5670	12800	5520	6850	6390	4710	6840	5070	7230
4	6760	6790	6200	5970	15400	5760	6920	6000	5020	6480	5030	7620
5	6070	7570	6140	6190	15900	7220	6590	5720	5120	5900	5040	7770
6	6210	7930	5970	6810	12700	7090	6870	5910	5040	e5690	5110	6940
7	6270	7710	5720	7060	10200	6020	7400	6020	4890	e5840	4920	7490
8	6690	7070	5740	6290	9350	5920	7260	5850	5190	e6220	4870	7670
9	7040	6280	6420	5610	9510	6480	7730	5730	5290	6070	4580	8110
10	6960	6400	6670	5640	11900	7410	8220	5960	4930	5760	4880	8080
11	6780	7040	6600	5900	13300	7180	7330	5610	4910	5690	5860	8080
12	6890	6980	6240	6500	13600	6420	6990	5380	4760	6020	6440	7400
13	6240	7020	6030	6190	13100	6130	7150	5330	4670	7100	6570	5840
14	6540	6810	6150	5550	11900	6360	6780	5470	4810	7880	6570	5930
15	6630	7060	6390	5890	10100	7060	6670	5340	4830	7620	5990	5870
16	7330	6840	6830	6630	9410	8560	6820	5040	4830	7270	5900	6370
17	7400	6920	7190	6400	8560	10800	6880	4720	5960	7650	6570	5560
18	6510	6790	7210	6300	7680	9790	6060	4900	7860	7510	7710	5210
19	5790	7000	6880	7380	7320	7340	5370	5660	8060	6760	8310	4980
20	5480	7110	6610	8300	7380	6780	5850	5880	6110	6630	8610	4640
21	5350	7120	6220	7270	6790	6480	6500	5200	5330	6390	8490	4880
22	5380	7420	5930	6630	6050	6130	6530	5030	5240	5940	8260	5550
23	6500	6360	6070	7070	6500	6460	6420	5190	5230	5630	6930	5660
24	6270	6390	5930	8030	7920	7030	6390	5540	5220	6590	5950	5420
25	5480	7710	6220	7910	8200	7290	6080	5560	5190	6560	7410	5250
26	5490	8390	6810	9250	7660	7270	6160	5410	5240	5890	8040	5080
27	8350	7880	6550	9710	6510	7530	5910	5420	5280	5960	7890	5250
28	12700	6190	6250	8120	5620	7430	5620	5370	5320	6660	7920	5910
29	14500	5850	6070	6950	---	7050	5860	4840	5450	6480	7340	7060
30	14000	6360	5800	6300	---	6650	6770	4750	6150	5690	6520	7240
31	9040	---	5760	6260	---	6450	---	4940	---	5470	6160	---

TOTAL	228610	207910	196860	209080	271310	215320	199580	171630	159740	199020	199360	192540
MEAN	7375	6930	6350	6745	9690	6946	6653	5536	5325	6420	6431	6418
MAX	14500	8390	7210	9710	15900	10800	8220	6760	8060	7880	8610	8110
MIN	5350	5850	5720	5530	5620	5520	5370	4720	4490	5470	4580	4640
CFSM	.85	.80	.73	.78	1.12	.80	.77	.64	.62	.74	.74	.74
IN.	.98	.89	.85	.90	1.17	.93	.86	.74	.69	.86	.86	.83

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1999, BY WATER YEAR (WY)

MEAN	7573	7797	10020	12650	14230	16740	14690	10660	8095	8122	8442	7691
MAX	20150	22070	32410	35290	33880	33880	46240	29980	15960	19400	28040	20010
(WY)	1965	1948	1949	1993	1998	1944	1964	1964	1967	1941	1940	1964
MIN	2984	3284	4677	5067	5785	6089	5886	4192	4705	4178	4147	3597
(WY)	1942	1942	1953	1956	1989	1988	1988	1941	1952	1952	1951	1941

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1940 - 1999

ANNUAL TOTAL	5848320	2450960	10540
ANNUAL MEAN	16020	6715	18320
HIGHEST ANNUAL MEAN			1964
LOWEST ANNUAL MEAN			5790
HIGHEST DAILY MEAN	39600	Feb 10	15900
LOWEST DAILY MEAN	5350	Oct 21	4490
ANNUAL SEVEN-DAY MINIMUM	5710	Oct 20	4770
INSTANTANEOUS PEAK FLOW			16100
INSTANTANEOUS PEAK STAGE			12.84
ANNUAL RUNOFF (CFSM)	1.85	.78	27.00
ANNUAL RUNOFF (INCHES)	25.15	10.54	16.56
10 PERCENT EXCEEDS	31900	8110	20000
50 PERCENT EXCEEDS	8600	6450	7740
90 PERCENT EXCEEDS	6250	5190	5090

STATISTICS COMPUTED BY: sellisor

DATE: 04/14/2000 AT: 11:40:41

e Estimated