

## 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), Georgia-South Carolina State line, Hydrologic Unit 03060106, on right bank 500 ft downstream from U.S. Highway 301 bridge, 2.0 mi downstream from Rocky Creek, 9.0 mi east of Millhaven, and at mile 118.7.

DRAINAGE AREA.--8,650 mi<sup>2</sup>, approximately.

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

GAGE.--Data collection platform. Datum of gage is 52.42 ft above sea level.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Thurmond Lake (see 02194500).

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in October 1929 reached a stage of 30.8 ft, from information by U.S. Army Corps of Engineers, discharge, 220,000 ft<sup>3</sup>/s, from rating curve extended above 141,000 ft<sup>3</sup>/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6150	5010	5150	5170	7950	5110	5410	4580	4570	5240	4300	5210
2	5150	5010	5280	5040	8720	5280	5190	4490	4470	5120	4630	5230
3	4950	5250	5270	5050	8670	5230	4980	4450	4470	4830	5710	5140
4	4950	5300	5290	5150	7050	5350	4910	4390	4520	4600	5750	4980
5	5520	5250	5010	5340	6110	5330	5380	4350	4490	4550	5810	5180
6	6460	5230	4840	5410	6080	5660	5540	4440	4590	4680	6430	5300
7	6280	5190	4850	5310	5800	5460	5360	4460	4850	5160	5670	6080
8	6170	5180	5020	5240	5670	5540	5190	4390	4920	5540	5140	6430
9	5970	5090	5020	5180	5540	5390	4820	4660	4800	5170	5350	6220
10	5740	5080	4990	5310	5310	5350	4660	4560	4600	4680	5320	5770
11	5380	5020	5110	6060	5340	5290	4590	4440	4520	4650	5240	5050
12	5260	5190	5190	6480	5570	5420	5070	4440	4420	4960	5250	5060
13	5910	5070	5080	7740	5410	5310	5020	4470	4410	5110	5090	5090
14	6410	5190	5040	7590	5310	5650	4830	4460	4380	5000	4480	4910
15	6320	5270	5140	6140	5890	6730	4940	4370	4410	4640	4600	5050
16	5880	5570	5090	5440	7260	5570	5070	4340	4370	4450	5810	5100
17	5510	5180	5040	5690	8000	5690	4960	4350	4380	4440	6620	5000
18	5400	4870	5000	6870	6650	5830	4710	4370	4380	4550	6870	4600
19	5320	4880	5080	6380	6580	5330	4640	4380	4390	4520	7240	4690
20	5360	4980	5200	5390	6230	5450	4800	4360	4410	4310	7000	4790
21	5890	4940	5260	5210	5310	7480	4920	4340	4550	4190	5820	4890
22	6030	4860	5580	6330	5000	10300	4770	4450	5740	4170	5090	5600
23	5500	4870	5780	8170	5350	10800	4520	4790	6130	4260	4960	6760
24	5440	4970	5490	7640	5400	8170	4460	4650	6280	4600	4450	9620
25	5410	5030	5280	8480	5330	6180	4410	4420	6030	5140	4310	12400
26	5640	5030	5230	12600	5280	5540	4460	4380	5350	5000	4450	12100
27	5610	5160	5130	14800	5410	5700	4430	4550	4860	4810	4480	9840
28	5690	5360	4990	14800	5120	5700	4420	4890	4690	4550	4280	7890
29	5920	5350	4960	11500	4980	5790	4440	5000	4660	4470	4170	7320
30	5820	5190	5050	8390	---	5780	4560	4980	4950	4460	4160	6430
31	5180	---	5160	7520	---	5480	---	4720	---	4420	4820	---
TOTAL	176220	153570	159600	221420	176320	186890	145460	139920	143590	146270	163300	187730
MEAN	5685	5119	5148	7143	6080	6029	4849	4514	4786	4718	5268	6258
MAX	6460	5570	5780	14800	8720	10800	5540	5000	6280	5540	7240	12400
MIN	4950	4860	4840	5040	4980	5110	4410	4340	4370	4170	4160	4600
CFSM	.66	.59	.60	.83	.70	.70	.56	.52	.55	.55	.61	.72
IN.	.76	.66	.69	.95	.76	.80	.63	.60	.62	.63	.70	.81

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2000, BY WATER YEAR (WY)

	7534	7742	9925	12530	14060	16520	14490	10530	8028	8052	8377	7661
MEAN	7534	7742	9925	12530	14060	16520	14490	10530	8028	8052	8377	7661
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	6029	4849	4192	4705	4178	4147	3597
(WY)	1942	1942	1953	1956	1989	2000	2000	1941	1952	1952	1951	1941

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 SUMMARY STATISTICS FOR 1999 CALENDAR YEAR FOR 2000 WATER YEAR WATER YEARS 1940 - 2000

ANNUAL TOTAL	2306970		2000290		10440	
ANNUAL MEAN	6320		5465		18320	1964
HIGHEST ANNUAL MEAN					5465	2000
LOWEST ANNUAL MEAN					138000	Aug 18 1940
HIGHEST DAILY MEAN	15900	Feb 5	14800	a Jan 27	2120	Sep 9 1951
LOWEST DAILY MEAN	4490	Jun 2	4160	Aug 30	2490	Sep 9 1951
ANNUAL SEVEN-DAY MINIMUM	4770	May 29	4330	Aug 24	141000	Aug 18 1940
INSTANTANEOUS PEAK FLOW			15200	Jan 28	27.00	Aug 18 1940
INSTANTANEOUS PEAK STAGE			12.20	Jan 28	1.21	Aug 18 1940
ANNUAL RUNOFF (CFSM)	.73		.63		16.40	
ANNUAL RUNOFF (INCHES)	9.92		8.60			
10 PERCENT EXCEEDS	7920		6510		19800	
50 PERCENT EXCEEDS	5910		5160		7680	
90 PERCENT EXCEEDS	4990		4440		5030	

a Also occurred Jan. 28.

