

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 September 2003 (discontinued).

GAGE.--Data collection platform. Datum of gage is 52.42 ft above NGVD of 1929.

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 2002 TO SEPTEMBER 2003  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4530	4710	4710	6180	5540	8570	20700	14000	23200	9100	11000	9620
2	4430	4690	4630	5500	5980	8830	17000	14900	24400	12000	10200	8690
3	4370	4830	4570	5330	6200	8260	12500	15500	24900	15100	10000	8060
4	4420	4760	4620	5390	5750	8190	8100	15800	24700	16500	10200	7160
5	4630	4640	4650	5480	5320	7980	7890	15000	24000	17500	11400	7020
6	4600	4690	4630	5850	5120	7010	7980	11500	23600	18700	13400	7030
7	4470	4690	4630	5610	5820	7770	8010	9630	23600	20100	14900	7230
8	4470	4660	4660	5340	6020	12000	9750	12900	23400	22000	15500	6940
9	4490	4670	4620	5240	6480	14300	12900	15000	22200	24300	15800	7080
10	4390	4660	4700	5350	5920	15500	15300	16300	20400	26100	15700	6280
11	4360	4640	4730	5380	5520	16500	17200	18000	18600	27000	15500	6570
12	4420	5010	4680	5110	6060	17200	19400	20100	17000	27500	15300	6790
13	4480	5700	4740	5030	6490	17800	22400	22100	16100	27900	15200	6620
14	4460	6140	5140	5100	6390	18500	25500	23700	15900	27800	15200	7170
15	4440	6410	6350	5290	6090	19700	26700	24900	16500	26000	14900	6940
16	4540	6550	8410	5110	5520	21800	26300	25500	17300	23400	14800	6440
17	4740	6140	7960	4930	5780	23100	25200	25600	18000	21200	14800	6910
18	4800	6200	6730	4850	7110	24200	24300	25400	18500	18400	14900	8150
19	4660	6180	5680	4900	8250	25400	23500	24700	19100	15600	14800	8390
20	4570	6040	5420	5390	7310	27200	22300	23000	19600	13700	14400	8150
21	4630	5930	5350	5140	6110	29100	20500	20900	20200	13100	13900	7430
22	4880	5640	5320	5000	6020	28300	17900	19200	20400	14000	13100	6830
23	4830	5070	5960	5050	6390	27100	15000	18100	19800	15600	12300	6590
24	4730	4760	5850	5090	6960	26700	11800	17500	18500	17200	10900	7160
25	4650	4660	5950	5240	7970	24800	11100	17700	17600	19100	11400	7190
26	4600	4710	7950	4940	7830	22300	12200	18600	17000	21300	12100	6760
27	4610	4770	10200	4960	7540	21100	13100	20400	16000	22600	12600	6660
28	4640	4880	9790	5250	8250	21100	13100	21900	13600	22100	12500	7010
29	4660	4770	7560	4910	---	22300	12000	21900	10100	20100	12300	7020
30	4680	4720	5900	4870	---	24100	12600	21700	9090	16700	12100	6460
31	4700	---	5820	5130	---	23900	---	22000	---	13200	11700	---
TOTAL	141880	155920	181910	161940	179740	580610	492230	593430	573290	604900	412800	216350
MEAN	4577	5197	5868	5224	6419	18730	16410	19140	19110	19510	13320	7212
MAX	4880	6550	10200	6180	8250	29100	26700	25600	24900	27900	15800	9620
MIN	4360	4640	4570	4850	5120	7010	7890	9630	9090	9100	10000	6280
CFSM	0.53	0.60	0.68	0.60	0.74	2.17	1.90	2.21	2.21	2.26	1.54	0.83
IN.	0.61	0.67	0.78	0.70	0.77	2.50	2.12	2.55	2.47	2.60	1.78	0.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2003, BY WATER YEAR (WY)

MEAN	7381	7591	9670	12130	13600	16190	14200	10490	8144	8163	8346	7547
MAX	20150	22070	32410	35290	33880	33880	46240	29980	19110	19510	28040	20010
(WY)	1965	1948	1949	1993	1998	1944	1964	1964	2003	2003	1940	1964
MIN	2984	3284	4677	5067	5785	5687	4849	4192	4700	4178	4147	3597
(WY)	1942	1942	1953	1956	1989	2002	2000	1941	2002	1952	1951	1941

SAVANNAH RIVER BASIN

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1940 - 2003	
ANNUAL TOTAL	1886300		4295000		10270	
ANNUAL MEAN	5168		11770		18320	
HIGHEST ANNUAL MEAN					1964	
LOWEST ANNUAL MEAN					5124	
HIGHEST DAILY MEAN	10200	Dec 27	29100	Mar 21	138000	Aug 18 1940
LOWEST DAILY MEAN	3920	Sep 14	4360	Oct 11	2120	Sep 9 1951
ANNUAL SEVEN-DAY MINIMUM	4040	Sep 8	4430	Oct 9	2490	Sep 9 1951
MAXIMUM PEAK FLOW			29300	Mar 21	141000	Aug 18 1940
MAXIMUM PEAK STAGE			17.34	Mar 21	27.00	Aug 18 1940
ANNUAL RUNOFF (CFSM)	0.60		1.36		1.19	
ANNUAL RUNOFF (INCHES)	8.11		18.47		16.14	
10 PERCENT EXCEEDS	5950		23400		19600	
50 PERCENT EXCEEDS	4890		8250		7570	
90 PERCENT EXCEEDS	4540		4660		4950	

