

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, October 2004 to September 2005.

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

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Thurmond Lake.

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 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15100	5700	10800	11700	7420	19600	e23300	8210	10100	7990	16500	10200
2	16300	5620	12200	10300	8770	19800	e25700	8680	10900	9150	16500	9720
3	17600	5810	13200	7860	9120	19400	e26000	9320	12300	10400	16500	9660
4	19300	5930	13900	6660	10100	18800	24500	11700	14500	11500	16700	9310
5	21400	5670	14300	6300	10700	18100	23100	13300	15800	11800	16900	8870
6	23400	5700	13900	6080	9760	17300	22700	12600	17000	11600	17000	8540
7	25100	5780	13200	6170	9150	15900	23500	9810	18000	12400	17000	8930
8	26200	5700	12500	6130	8820	14100	25000	8490	18800	13700	16500	9830
9	26600	5580	12200	6100	8740	12500	26000	7870	19000	15000	14900	8020
10	26000	5570	12200	6310	8970	e10300	25600	7930	19100	16200	12500	7390
11	24100	5500	12400	6840	8380	e9170	24200	7150	19300	17600	11400	8710
12	21200	5490	12500	7130	8670	7370	23600	6590	19800	19300	11900	8030
13	17800	5610	11700	7680	9310	6700	24000	7040	20300	21100	14000	7310
14	14200	5720	11600	10200	10700	e6470	24800	7010	20800	23300	15400	7440
15	11400	5750	12800	12300	11300	6180	24400	7120	21100	24800	16500	7760
16	10000	5880	14100	13400	12000	6190	22800	6710	21200	23400	17600	7260
17	9460	9320	14800	13200	12400	8090	20800	6300	21300	20000	18800	7090
18	9260	11400	15200	12200	13000	12700	19200	7750	21400	16100	20000	7710
19	9150	11500	15500	11300	13700	14800	18100	8240	21500	13200	20300	7530
20	8790	11700	15700	10400	13700	15900	15600	9320	21400	13700	20200	7000
21	8770	11400	15800	10100	11200	e16600	11800	12200	21500	14700	19800	6290
22	9110	10200	16000	9980	9170	16000	11300	13700	21300	15400	18500	6470
23	9190	9280	16200	10100	10100	13400	11900	14300	20400	15900	16200	6400
24	8560	8920	16400	9950	12900	11400	11800	14500	18500	16300	14500	5860
25	7240	9140	16400	9930	14900	13700	10700	14700	16600	16600	13500	5650
26	6330	9690	16500	9730	16100	15300	9830	14700	14700	16700	13000	5640
27	6150	9500	16100	9360	17300	17000	9810	14400	11100	16700	12300	6280
28	5970	9470	15100	9000	18700	e18900	8740	14000	8620	16600	11400	7320
29	5990	9380	13900	7580	---	19600	8620	13500	7980	16600	10000	9030
30	5880	9430	12600	7220	---	20200	8900	11900	7960	16500	9290	9170
31	5630	---	12000	7530	---	21200	---	10400	---	16400	9760	---
TOTAL	431180	231340	431700	278740	315080	442670	566300	319440	512260	490640	475350	234420
MEAN	13910	7711	13930	8992	11250	14280	18880	10300	17080	15830	15330	7814
MAX	26600	11700	16500	13400	18700	21200	26000	14700	21500	24800	20300	10200
MIN	5630	5490	10800	6080	7420	6180	8620	6300	7960	7990	9290	5640
CFSM	1.61	0.89	1.61	1.04	1.30	1.65	2.18	1.19	1.97	1.83	1.77	0.90
IN.	1.85	0.99	1.86	1.20	1.36	1.90	2.44	1.37	2.20	2.11	2.04	1.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

MEAN	7504	7594	9751	12070	13560	16160	14290	10490	8312	8307	8478	7552
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 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	4729120			
ANNUAL MEAN	12960		10320	
HIGHEST ANNUAL MEAN			18320	1964
LOWEST ANNUAL MEAN			5124	2002
HIGHEST DAILY MEAN	26600	Oct 9	138000	Aug 18 1940
LOWEST DAILY MEAN	5490	Nov 12	2120	Sep 9 1951
ANNUAL SEVEN-DAY MINIMUM	5600	Nov 8	2490	Sep 9 1951
MAXIMUM PEAK FLOW	26700	Oct 9	141000	Aug 18 1940
MAXIMUM PEAK STAGE	16.60	Oct 9	27.00	Aug 18 1940
ANNUAL RUNOFF (CFSM)	1.50		1.19	
ANNUAL RUNOFF (INCHES)	20.34		16.22	
10 PERCENT EXCEEDS	21100		19700	
50 PERCENT EXCEEDS	12000		7610	
90 PERCENT EXCEEDS	6370		4960	

e Estimated

