

## SAVANNAH RIVER BASIN

590

02198500 SAVANNAH RIVER NEAR CLYO, GA

LOCATION.--Lat 32°31'41"', long 81°16'08"', Effingham County (GA) - Jasper County (SC), Hydrologic Unit 03060109, at Georgia-South Carolina State line, on downstream side of State Highway 119 bridge, 3.0 mi north of Clyo, and at mile 61.4.

DRAINAGE AREA.--9,850 mi<sup>2</sup>, approximately.

PERIOD OF RECORD.--October 1929 to September 1933, October 1937 to current year. Gage-height records collected at same site 1921-43 by National Weather Service (unpublished prior to 1933).

REVISED RECORDS.--WSP 1112: 1940.

GAGE.--Data collection platform. Datum of gage is 13.39 ft above NGVD of 1929. Prior to July 26, 2000, at site 2,100 ft downstream at same datum. Prior to Jan. 31, 1933, nonrecording gage at same site and at datum 4.00 ft higher. Jan. 31, 1933, to June 12, 1945, nonrecording gage at same site and datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Thurmond Lake (sta 02194500), and by other powerplants above station.

Discharge, cubic feet per second  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7040	9130	e7630	13300	e10500	17100	6760	5540	4820	e6610	5510	7980
2	6620	8760	e7340	12400	e9500	17900	7240	5600	4760	e6990	5620	e8070
3	6310	8080	e7390	10100	e8740	18400	7380	5630	4840	e6590	5640	e8560
4	6250	7560	e8180	e10100	e8550	18200	7010	5550	5440	e6460	5720	e8520
5	6320	7390	e8710	e10900	8530	16800	6340	5680	5350	e6740	5630	e8650
6	6070	7470	e8910	10600	8670	14500	6160	6070	4950	e6590	5410	e9910
7	6230	7430	e8840	9520	8460	12800	6340	6110	4820	e6660	5390	e10500
8	6480	7260	e8430	8850	8450	11700	6710	5750	4760	6290	5320	e10900
9	6810	7360	e8770	8360	8560	e11200	6800	5530	4720	6400	5160	10900
10	7160	7420	9520	9590	8420	e10900	6310	5510	5180	6770	4990	e11300
11	7050	7270	e10400	e10500	8220	10500	5860	5580	6670	7110	4860	e11800
12	6920	7090	e11300	e8910	8610	10400	5660	6120	7270	6900	4860	e12300
13	6930	e6810	e11700	e8630	8970	10500	5550	6210	7380	6370	e5260	e12700
14	6770	e6880	e12000	e7700	9690	e10500	5540	6010	7270	6450	e5670	e13100
15	6650	e7020	e12400	e7790	10700	10200	5690	5930	6860	7130	5820	13400
16	6820	e6780	e12600	e8690	11600	9470	5660	5990	6120	7450	5660	13800
17	6970	6780	e12600	e8950	12200	9190	6180	5760	5850	7590	5640	e14200
18	6930	6750	e12900	e8380	12600	10400	7050	5420	e5770	7250	5680	e14600
19	6900	6770	e13200	e8090	12800	11300	7160	5240	e6250	6400	e5740	e15100
20	6750	7070	13400	e7770	12700	11900	7000	5160	6520	6100	5650	e15400
21	6610	e7000	13800	e7530	11800	12400	6560	5290	e6620	6120	5930	e15800
22	6450	e7020	14200	e7490	10300	12100	6290	5450	e6190	6080	6390	e16100
23	6330	e7410	14500	7730	10000	10100	6270	5580	e6150	6030	6280	e16200
24	6440	7490	14800	7530	11300	8230	6140	5470	e6220	5860	5940	e16000
25	6290	e7110	14700	7320	12500	8050	6010	5220	e6670	5630	5790	e15100
26	6170	e6980	13400	7280	13500	8220	5660	5160	e7390	5450	6010	e13300
27	6220	7510	12700	7420	e14500	7850	5470	5010	e7310	5380	6690	e10700
28	6200	e8280	12800	8010	15300	7030	5420	4780	e7080	5660	7450	e8770
29	6810	e8460	13100	9030	16200	6700	5490	4710	e6880	5860	7860	e8510
30	7790	e8070	13400	9890	---	6570	5530	4770	e6550	5670	8080	e9870
31	8610	---	13500	10400	---	6400	---	4830	---	5470	8080	---
TOTAL	207900	222410	357120	278760	311870	347510	187240	170660	182660	198060	183730	362040
MEAN	6706	7414	11520	8992	10750	11210	6241	5505	6089	6389	5927	12070
MAX	8610	9130	14800	13300	16200	18400	7380	6210	7390	7590	8080	16200
MIN	6070	6750	7340	7280	8220	6400	5420	4710	4720	5380	4860	7980
CFSM	0.68	0.75	1.17	0.91	1.09	1.14	0.63	0.56	0.62	0.65	0.60	1.23
IN.	0.79	0.84	1.35	1.05	1.18	1.31	0.71	0.64	0.69	0.75	0.69	1.37

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2004, BY WATER YEAR (WY)

MEAN	9027	8617	11040	13910	15660	18180	16930	11610	9559	8827	8986	8168
MAX	83660	26510	39150	43930	42490	39350	55680	33890	27770	21260	32850	23520
(WY)	1930	1948	1949	1993	1998	1998	1964	1964	1973	1941	1940	1964
MIN	2772	3233	5122	5619	6027	6070	5698	4873	4825	4635	4661	3098
(WY)	1932	1932	1940	2002	2002	2002	2000	1941	2002	1952	2002	1931

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1930 - 2004	
ANNUAL TOTAL	5164300		3009960		11690	
ANNUAL MEAN	14150		8224		20900	
HIGHEST ANNUAL MEAN					1964	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	39600	Mar 24	18400	Mar 3	e 203000	b Oct 2 1929
LOWEST DAILY MEAN	5710	Jan 19	4710	May 29	1950	Sep 27 1931
ANNUAL SEVEN-DAY MINIMUM	5870	Jan 18	4790	May 28	2470	Sep 23 1931
MAXIMUM PEAK FLOW			18500	a Mar 3	c 270000	Oct 6 1929
MAXIMUM PEAK STAGE			12.77	Mar 3	c 29.70	Oct 6 1929
ANNUAL RUNOFF (CFSM)	1.44		0.835		1.19	
ANNUAL RUNOFF (INCHES)	19.50		11.37		16.12	
10 PERCENT EXCEEDS	26100		12800		21500	
50 PERCENT EXCEEDS	13000		7140		8730	
90 PERCENT EXCEEDS	6440		5480		5550	

- a Also occurred Mar. 4.
- b Also occurred Oct. 3-10, 1929, which are estimates.
- c Present datum (from information by U.S. Army Corps of Engineers) and from rating curve extended above 120,000 ft<sup>3</sup>/s.
- e Estimated

