Water-Data Report 2013

02198500 SAVANNAH RIVER NEAR CLYO, GA

Savannah Basin
Lower Savannah Subbasin

LOCATION.--Lat 32°31′41″, long 81°16′08″ referenced to North American Datum of 1927, Effingham County, GA, 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 river mile 61.4.

DRAINAGE AREA.--9,850 mi^2.

SURFACE-WATER RECORDS

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 Gage-height records collected at same site 1921-43 by National Weather Service (unpublished prior to 1933).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 fair. Flow regulated by Thurmond Lake, and by other powerplants above station.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 02198500, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/02198500.2013.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4,610	4,550	4,280	5,520	4,450	14,500	10,500	7,230	5,060	9,900	29,600	24,400
2	4,630	4,680	4,280	5,520	4,580	14,600	9,130	8,890	5,010	10,500	28,500	22,600
3	4,720	4,820	4,240	5,380	4,660	14,300	8,640	9,740	5,050	11,700	27,400	21,300
4	4,860	4,770	4,220	5,190	4,750	13,300	8,500	9,070	5,110	13,200	25,200	20,400
5	4,870	4,590	4,210	5,030	5,000	11,600	8,390	8,080	5,680	14,400	22,400	18,800
6	4,840	4,450	4,200	4,930	5,190	9,940	7,900	7,590	6,710	15,600	19,900	16,100
7	4,860	4,290	4,210	4,860	5,230	8,890	8,070	8,040	7,690	16,900	18,400	13,300
8	4,830	4,010	4,180	4,840	5,420	8,250	8,710	9,170	8,710	18,100	17,400	11,300
9	4,770	3,920	4,180	4,810	5,840	7,890	8,820	10,200	9,960	19,200	16,600	10,300
10	4,700	3,990	4,180	4,730	6,980	7,480	8,180	10,300	11,000	20,000	15,900	10,100
11	4,670	4,090	4,180	4,660	8,050	7,120	7,520	9,170	12,000	20,500	15,300	10,300
12	4,670	4,050	4,150	4,670	8,780	6,900	7,130	7,960	12,800	21,100	14,800	10,500
13	4,720	4,150	4,210	4,620	9,490	6,690	7,150	7,430	13,500	22,300	14,500	10,500
14	4,730	4,160	4,210	4,530	10,100	6,650	7,800	7,080	14,000	24,900	14,300	10,600
15	4,700	4,160	4,290	4,440	10,500	6,610	8,200	6,810	14,100	31,300	14,800	10,400
16	4,620	4,200	4,390	4,370	10,800	6,570	8,170	6,370	13,900	44,300	15,200	10,100
17	4,590	4,360	4,460	4,360	10,800	6,670	8,250	5,930	13,200	54,700	16,100	10,100
18	4,610	4,590	4,580	4,370	10,500	6,520	7,770	5,870	12,500	57,800	17,200	10,100
19	4,560	4,550	4,700	4,390	9,590	6,410	7,210	5,860	12,000	57,200	17,800	10,200
20	4,570	4,440	4,690	4,440	8,800	6,550	7,070	5,750	11,400	55,800	19,100	10,300
21	4,550	4,350	4,560	4,470	8,550	6,870	7,100	5,680	10,400	54,900	20,200	10,200
22	4,570	4,270	4,540	4,490	8,300	7,290	7,130	5,810	9,490	54,100	20,600	10,200
23	4,620	4,190	4,580	4,550	8,410	7,680	7,030	5,820	8,840	53,000	20,900	10,500
24	4,600	4,200	4,620	4,510	9,050	8,150	6,950	5,620	8,630	51,000	21,400	11,000
25	4,590	4,170	4,620	4,560	10,200	9,620	6,950	5,450	8,700	47,800	22,600	11,200
26	4,580	4,060	4,580	4,610	11,800	11,600	6,720	5,300	8,870	43,600	24,600	10,800
27	4,550	4,040	4,810	4,560	13,300	13,100	6,630	5,210	8,730	39,700	27,100	10,300
28	4,550	4,160	5,130	4,470	14,100	14,100	6,360	5,180	8,710	36,600	28,700	10,100
29	4,540	4,350	5,440	4,450	---	14,700	6,200	5,150	8,940	34,100	28,800	10,100
30	4,540	4,340	5,430	4,430	---	14,700	6,340	5,030	9,310	32,200	27,800	9,920
31	4,550	---	5,360	4,450	---	13,000	---	5,040	---	30,800	26,200	---
Total	144,370	128,950	139,710	145,210	233,220	298,250	230,520	215,830	290,000	1,017,200	649,300	376,020
Mean	4,657	4,298	4,507	4,684	8,329	9,621	7,684	6,962	9,667	32,810	20,950	12,530
Max	4,870	4,820	5,440	5,520	14,100	14,700	10,500	10,300	14,100	57,800	29,600	24,400
Min	4,540	3,920	4,150	4,360	4,450	6,410	6,200	5,030	5,010	9,900	14,300	9,920

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	8,637	8,386	10,860	13,350	15,110	17,280	16,120	11,140	9,366	8,961	8,975	7,984
Max	83,660	26,510	39,150	43,930	42,490	39,350	55,680	33,890	27,770	32,810	32,850	23,520
(WY)	(1930)	(1948)	(1949)	(1993)	(1998)	(1998)	(1964)	(1964)	(1973)	(2013)	(1940)	(1964)
Min	2,772	3,233	4,507	4,684	5,238	5,694	4,949	4,685	4,786	4,336	4,418	3,098
(WY)	(1932)	(1932)	(2013)	(2013)	(2012)	(2012)	(2012)	(2012)	(2008)	(2008)	(2008)	(1931)

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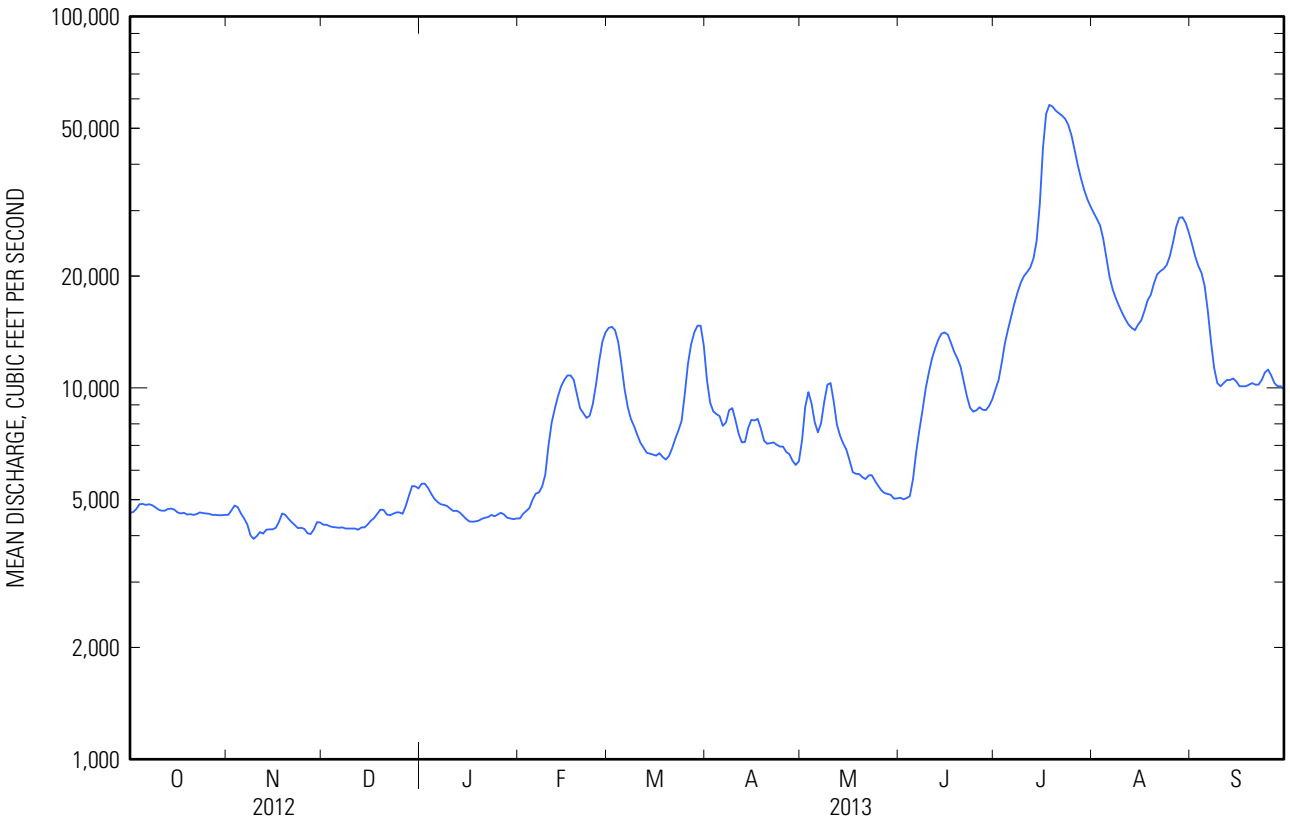
SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1930 - 2013	
Annual total	1,816,000		3,868,580			
Annual mean	4,962		10,600		11,330	
Highest annual mean					20,900	1964
Lowest annual mean					5,032	2012
Highest daily mean	7,270	Aug 15	57,800	Jul 18	[e]203,000	Oct 2, 1929
Lowest daily mean	3,920	Nov 9	3,920	Nov 9	1,950	Sep 27, 1931
Annual seven-day minimum	4,050	Nov 8	4,050	Nov 8	2,470	Sep 23, 1931
Maximum peak flow			58,000	Jul 18	[a]270,000	Oct 6, 1929
Maximum peak stage			18.38	Jul 18	29.70	Oct 6, 1929
10 percent exceeds	5,730		21,000		20,900	
50 percent exceeds	4,840		7,230		8,460	
90 percent exceeds	4,340		4,360		5,220	

[e] Estimated
[a] From rating curve extended linearly above 120,000 cfs.