

**SAVANNAH RIVER BASIN
2001 Water Year**

02197320 SAVANNAH RIVER NEAR JACKSON, SC

LOCATION.--Lat 33°13'01", long 81°46'04", Aiken County, SC-Burke County, GA, Hydrologic Unit 03060106, on left bank 0.5 miles downstream from Upper Three Runs Creek, 6.2 miles south of Jackson, 15.2 miles upstream from Steel Creek, and at mile 156.8.

DRAINAGE AREA.—8,110 mi² (revised).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1971 to current year, discharge defined below 22,000 ft³/s, only.

REVISED RECORDS.--WDR SC-90-1: 1983.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 77.0 feet above sea level.

REMARKS.—No estimated daily discharges. Records good. Water is diverted above and below gage by Savannah River Site, with the volume diverted varying from day to day. Flow regulated by Hartwell Lake (see station 02187250), Richard B. Russell Lake (see station 02189004), Thurmond Lake (see station 02194500), and affected to some degree by Savannah River Site operations. At times of high flow, bank full capacity is exceeded in the intervening channel reach; therefore, daily mean discharges greater than 22,000 ft³/s are not shown.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, undetermined, April 11, 1983; maximum gage height, 21.57 feet, April 11, 1983; minimum daily discharge, 3,220 ft³/s, Dec. 9, 1981.

STATION NUMBER 02197320 SAVANNAH R. NR JACKSON, SC STREAM SOURCE AGENCY USGS
 LATITUDE 331301 LONGITUDE 0814604 DRAINAGE AREA 8110.00 DATUM 77.00 STATE 45 COUNTY 003
 ,PUBLISHED
 DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4960	4700	5050	5070	5580	5670	12200	4620	5320	5270	5020	5030
2	4800	4640	4830	4790	5550	5710	8600	4620	5260	4980	5130	4870
3	5340	4570	4980	5780	5290	5940	6740	4710	5200	5140	5010	4660
4	5500	4560	5020	5210	5590	7240	6730	4780	5340	5520	4980	4880
5	5270	4540	5070	5170	5180	12000	7220	4810	5190	6500	5080	5200
6	5090	4490	5230	5160	5320	14600	7070	4920	5080	6320	5160	5680
7	4980	4380	5500	5150	5270	9570	6110	5150	4890	5620	5100	5530
8	4930	4410	5370	5110	5180	7260	5580	4920	4800	5000	5410	4970
9	4750	4430	4720	5400	4910	6640	5300	4730	4810	4690	5950	4790
10	5290	4430	4680	5390	4940	5630	5790	4670	4700	5360	5770	4630
11	5120	4780	4750	5300	4990	5460	5870	4680	4900	5510	5870	5020
12	5210	4980	4700	5110	4970	5370	5680	4600	4970	5500	5080	5150
13	5370	5070	5090	5220	5150	6260	5620	4570	6740	5630	4870	4990
14	5430	5060	5030	5270	5450	6490	5670	4560	13800	4900	4800	4770
15	4830	4950	4820	4990	5310	7250	5190	4580	13500	4720	4780	4660
16	4700	4760	4790	5110	5200	10300	5250	4820	9170	4570	4860	4550
17	5080	4720	4870	5310	5240	14500	5140	4960	6570	4500	5070	4520
18	5230	4670	5000	5080	5330	11400	4950	4790	5620	4600	4900	4560
19	5330	4790	5650	4970	5380	7450	5320	4750	5490	4800	4760	4620
20	5270	5280	5470	6100	5570	7070	4980	4670	5410	4780	4910	4600
21	5110	5550	5400	6080	5300	8140	4930	5090	5280	4620	5270	4460
22	4830	5740	5300	7240	5540	9520	4810	4820	5220	4650	5010	4450
23	4610	5180	5040	7330	6540	9080	5000	4690	5420	5110	5380	4450
24	4760	5000	4860	6700	9240	7550	5140	4680	4840	5800	5770	4510
25	5370	5310	4720	6080	7270	6040	5250	4680	4870	5410	5070	4710
26	5090	5850	4930	6400	6340	6380	5160	4610	4900	5320	4750	4690
27	5390	5900	5540	6060	6120	7230	5090	4550	5290	5220	4680	4580
28	4810	5600	5740	5110	6090	6190	4990	4590	5360	5080	4670	4480
29	4610	5230	5950	4960	---	6310	4740	5250	5530	5180	4610	4440
30	4590	5100	5480	5410	---	8490	4800	6250	5570	4970	5120	4430
31	4610	---	5390	5410	---	12200	---	5840	---	4970	5060	---
TOTAL	156260	148670	158970	171470	157840	248940	174920	149960	179040	160240	157900	142880
MEAN	5041	4956	5128	5531	5637	8030	5831	4837	5968	5169	5094	4763
MAX	5500	5900	5950	7330	9240	14600	12200	6250	13800	6500	5950	5680
MIN	4590	4380	4680	4790	4910	5370	4740	4550	4700	4500	4610	4430
CFSM	.62	.61	.63	.68	.70	.99	.72	.60	.74	.64	.63	.59
IN.	.72	.68	.73	.79	.72	1.14	.80	.69	.82	.74	.72	.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2001, BY WATER YEAR (WY)

	7558	7406	8949	10050	10340	8664	8587	8026	8059	7175	7514	7300
MEAN	7558	7406	8949	10050	10340	8664	8587	8026	8059	7175	7514	7300
MAX	14280	14570	16880	16960	18670	13760	14560	13930	16820	11430	16510	11270
(WY)	1990	1976	1990	1974	1973	1977	1984	1975	1979	1991	1991	1994
MIN	4859	4563	4583	5162	5637	5728	4883	4680	4560	4530	4628	4763
(WY)	1987	1982	2000	1989	2000	1988	2000	2000	1988	1988	1988	2001

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1972 - 2001	
ANNUAL TOTAL	1966050		2007090			
ANNUAL MEAN	5372		5499		6422	
HIGHEST ANNUAL MEAN					8361	
LOWEST ANNUAL MEAN					5300	
HIGHEST DAILY MEAN	16200	Jan 26	14600	Mar 6	22000	Nov 30 1976
LOWEST DAILY MEAN	4380	Nov 7	4380	Nov 7	3220	Dec 9 1981
ANNUAL SEVEN-DAY MINIMUM	4460	Nov 4	4460	Nov 4	3770	Dec 4 1981
MAXIMUM PEAK FLOW			15500	Mar 6	.00	
MAXIMUM PEAK STAGE			13.93	Jun 14	21.57	Apr 11 1983
ANNUAL RUNOFF (CFSM)	.66		.68		.79	
ANNUAL RUNOFF (INCHES)	9.02		9.21		10.76	
10 PERCENT EXCEEDS	6390		6520		16600	
50 PERCENT EXCEEDS	5080		5120		7330	
90 PERCENT EXCEEDS	4590		4620		5150	

STATISTICS COMPUTED BY: jmbarton

DATE: 03/14/2002 AT: 16:28:36