

SAVANNAH RIVER BASIN
1999 Water Year

02196484 SAVANNAH RIVER NEAR NORTH AUGUSTA, SC

LOCATION.--Lat 33°33'06", long 82°02'19", Edgefield County, SC- Columbia County, GA, Hydrologic Unit 03060106, at upstream side of Augusta City Lock and Dam, 1.0 miles downstream from Stevens Creek Dam, and at mile 207.

DRAINAGE AREA.--7,150 mi², approximately.

PERIOD OF RECORD.--October 1988 to current year.

GAGE.—Satellite transmitter. Elevation of gage is 150 feet above sea level (from topographic map).

REMARKS.--Records fair, except those less than 2,000 ft³/s and those for the periods of estimated daily discharges, which are poor. Flow regulated by Lake Burton, Mathis Reservoir, Hartwell Lake, Richard B. Russell Reservoir, and Thurmond Lake. (See "Lakes and Reservoirs in Savannah River Basin", stations 02178500, 02179500, 02187250, 02189004, and 02194500). Flow diverted to the Augusta Canal above gage by City of Augusta for municipal supply. Current water year information can be obtained by contacting the USGS, South Carolina District.

REVISED RECORDS.--Revised figures of discharge for the water year 1997, superseding those published in the report for 1997, are given below.

STATION NUMBER 02196484 SAVANNAH RIVER NEAR NORTH AUGUSTA, SC STREAM SOURCE AGENCY USGS
 LATITUDE 333306 LONGITUDE 0820219 DRAINAGE AREA 7150. DATUM 150. STATE 45 COUNTY 037
 ,PUBLISHED
 DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4270	2220	3750	2220	7230	2210	3110	2130	2130	3780	e2260	4470
2	4110	2500	2780	1960	14900	2040	3840	1990	2280	3080	2370	5800
3	2220	3800	2450	2120	9770	4470	3220	e2360	2290	2660	2430	6630
4	2140	4820	2520	2760	3400	3710	3610	2870	2280	3750	2370	4610
5	2360	5260	2400	3880	3420	2100	4600	2740	2100	3940	2220	5380
6	2930	4610	2230	2700	4910	1930	3310	2840	2260	3490	2180	6290
7	3650	3300	2710	1990	3950	2100	3940	2460	2200	3750	e1990	5860
8	3270	3230	3120	2220	8000	3920	e5170	3740	1780	3070	1980	6250
9	2460	3530	3070	2600	9700	3200	e3900	3170	1760	2770	2810	4610
10	2900	3060	2850	3470	9660	2280	2800	2150	1610	2620	4110	5060
11	2560	3460	2660	3370	8520	1970	3610	1800	1580	2530	3620	2840
12	2790	2830	2980	2180	7830	2150	3580	1910	1730	3170	3430	2810
13	2810	3300	3280	2270	4960	2380	3720	1800	1830	2590	2830	2690
14	3430	3330	2950	3340	6170	2790	3510	1730	1700	2600	2660	2420
15	4460	3900	3420	2700	5640	8010	3360	1530	2050	2740	2660	2510
16	2770	3900	3910	2220	3460	8050	2400	1660	3150	3170	4410	1870
17	1820	e3350	3620	2600	3070	3380	1770	2210	5130	e3070	5450	1710
18	1720	3800	3690	5720	2590	3050	1960	2150	2910	2810	5550	1990
19	1730	3470	2630	3780	3700	2920	2600	1760	2420	2670	3940	2450
20	1620	4210	2360	2910	e1790	2490	2560	e1660	2260	2420	4190	2580
21	2550	2930	3730	3250	2450	2480	2430	1800	2370	2060	3310	2520
22	2610	2570	3370	4570	3220	4780	2390	2370	2440	2800	2190	2000
23	1880	4630	3040	e3270	4810	5080	2280	2080	2420	3070	2930	1940
24	2010	6590	4510	3810	3960	4360	2310	1860	2240	2270	4460	1830
25	2390	6420	3740	6850	3390	4030	2310	2050	1900	e2340	4250	2750
26	13600	4150	3420	3710	e1770	4010	2040	2050	1940	2950	3870	3100
27	17000	3300	3400	2490	1830	3800	2030	e1780	2390	3240	3590	4500
28	9280	4500	2540	2310	1910	3660	e2560	1980	3040	2030	3050	4690
29	2960	4390	2340	2530	---	3200	2580	1910	2590	2090	3350	3190
30	2080	3920	2270	2940	---	3770	2440	1680	3030	2020	4880	2160
31	2310	---	2700	3950	---	3480	---	1880	---	1920	5840	---

TOTAL	114690	115280	94440	96690	146010	107800	89940	66100	69810	87470	105180	107510
MEAN	3700	3843	3046	3119	5215	3477	2998	2132	2327	2822	3393	3584
MAX	17000	6590	4510	6850	14900	8050	5170	3740	5130	3940	5840	6630
MIN	1620	2220	2230	1960	1770	1930	1770	1530	1580	1920	1980	1710
CFSM	.52	.54	.43	.44	.73	.49	.42	.30	.33	.39	.47	.50
IN.	.60	.60	.49	.50	.76	.56	.47	.34	.36	.46	.55	.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1999, BY WATER YEAR (WY)

MEAN	6287	6276	8940	9547	13180	13620	8454	7041	4567	4972	6157	4660
MAX	11440	15950	27170	28980	28900	23320	22150	18320	6821	9750	14420	6609
(WY)	1990	1996	1993	1993	1998	1998	1998	1998	1996	1994	1994	1995
MIN	1802	1827	2535	2438	1886	1440	2652	1990	1847	2822	2689	2406
(WY)	1994	1989	1989	1989	1989	1989	1989	1989	1989	1999	1989	1997

SUMMARY STATISTICS FOR 1998 CALENDAR YEAR FOR 1999 WATER YEAR WATER YEARS 1989 - 1999

ANNUAL TOTAL		4301640		1200920								
ANNUAL MEAN		11790		3290					7787			
HIGHEST ANNUAL MEAN									13960			1993
LOWEST ANNUAL MEAN									2612			1989
HIGHEST DAILY MEAN		37500	Feb 7		17000	Oct 27			39000		Jan 13	1993
LOWEST DAILY MEAN		1620	Oct 20		1530	May 15			65		Mar 18	1989
ANNUAL SEVEN-DAY MINIMUM		1990	Oct 17		1710	Jun 8			103		Mar 16	1989
INSTANTANEOUS PEAK FLOW					25400	Feb 2			54200		Oct 12	1990
INSTANTANEOUS PEAK STAGE					10.78	Feb 2			12.57		Oct 12	1990
ANNUAL RUNOFF (CFSM)		1.65			.46				1.09			
ANNUAL RUNOFF (INCHES)		22.38			6.25				14.80			
10 PERCENT EXCEEDS		27400			4840				19900			
50 PERCENT EXCEEDS		5600			2830				4990			
90 PERCENT EXCEEDS		2800			1930				1890			

STATISTICS COMPUTED BY: twcooney

DATE: 05/24/2000 AT: 18:31:36

e Estimated