

SAVANNAH RIVER BASIN

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02187910 ROCKY RIVER NEAR STARR, SC

LOCATION.--Lat 34°22'59'', long 82°34'39'', Anderson County, Hydrologic Unit 03060103, at downstream side of bridge on State Road 244, 0.5 mi upstream from Beaver Creek, 2.5 mi upstream of Secession Lake, and 6.7 mi east of Starr.

DRAINAGE AREA.--111 mi².

PERIOD OF RECORD.--May 1989 to February 1996, October 1996 to September 2001, February 2003 to March 2004 (discontinued).

GAGE.--Data collection platform. Datum of gage is 570 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

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	53	76	87	84	98	112	---	---	---	---	---	---
2	52	74	85	83	95	108	---	---	---	---	---	---
3	50	73	84	83	182	108	---	---	---	---	---	---
4	50	73	118	84	170	108	---	---	---	---	---	---
5	49	72	141	87	133	107	---	---	---	---	---	---
6	49	92	90	124	188	109	---	---	---	---	---	---
7	51	92	86	103	454	109	---	---	---	---	---	---
8	91	86	84	92	193	101	---	---	---	---	---	---
9	104	81	84	94	141	96	---	---	---	---	---	---
10	104	75	128	94	135	97	---	---	---	---	---	---
11	100	72	294	90	129	94	---	---	---	---	---	---
12	90	72	156	86	165	93	---	---	---	---	---	---
13	71	72	123	85	216	91	---	---	---	---	---	---
14	66	70	166	83	146	89	---	---	---	---	---	---
15	61	67	163	82	294	---	---	---	---	---	---	---
16	57	69	130	80	315	---	---	---	---	---	---	---
17	57	74	120	79	166	---	---	---	---	---	---	---
18	56	79	113	89	153	---	---	---	---	---	---	---
19	55	257	107	93	144	---	---	---	---	---	---	---
20	54	256	100	87	136	---	---	---	---	---	---	---
21	53	150	96	82	130	---	---	---	---	---	---	---
22	53	117	95	81	123	---	---	---	---	---	---	---
23	52	103	94	80	119	---	---	---	---	---	---	---
24	51	102	96	78	116	---	---	---	---	---	---	---
25	50	108	95	91	115	---	---	---	---	---	---	---
26	51	97	91	170	116	---	---	---	---	---	---	---
27	187	90	89	112	128	---	---	---	---	---	---	---
28	144	141	88	122	127	---	---	---	---	---	---	---
29	117	113	87	114	117	---	---	---	---	---	---	---
30	85	92	86	108	---	---	---	---	---	---	---	---
31	80	---	86	103	---	---	---	---	---	---	---	---
TOTAL	2243	2995	3462	2923	4744	---	---	---	---	---	---	---
MEAN	72.4	99.8	112	94.3	164	---	---	---	---	---	---	---
MAX	187	257	294	170	454	---	---	---	---	---	---	---
MIN	49	67	84	78	95	---	---	---	---	---	---	---
CFSM	0.65	0.90	1.01	0.85	1.47	---	---	---	---	---	---	---
IN.	0.75	1.00	1.16	0.98	1.59	---	---	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2004, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	100	116	137	214	224	241	190	116	89.2	71.9	102	65.3				
MAX	177	259	363	473	406	474	648	213	134	162	348	138				
(WY)	1990	1993	1993	1993	1998	1993	1998	1998	1991	2003	1995	1992				
MIN	29.3	59.9	68.0	94.3	70.4	80.8	85.1	51.0	27.7	29.4	27.1	28.4				
(WY)	2001	2001	2001	2004	2001	1999	2001	2001	2000	2000	1999	1999				

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SUMMARY STATISTICS

WATER YEARS 1989 - 2004

ANNUAL MEAN	136	
HIGHEST ANNUAL MEAN	226	1998
LOWEST ANNUAL MEAN	73.0	2001
HIGHEST DAILY MEAN	3810	Apr 18 1998
LOWEST DAILY MEAN	10	Aug 16 1999
ANNUAL SEVEN-DAY MINIMUM	11	Aug 13 1999
MAXIMUM PEAK FLOW	6260	Apr 18 1998
MAXIMUM PEAK STAGE	17.70	Apr 18 1998
ANNUAL RUNOFF (CFSM)	1.22	
ANNUAL RUNOFF (INCHES)	16.60	
10 PERCENT EXCEEDS	239	
50 PERCENT EXCEEDS	85	
90 PERCENT EXCEEDS	40	

