

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, October 2004 to September 2005.

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

REMARKS.--Records good except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e148	74	99	122	124	203	514	119	244	90	125	46
2	e145	81	101	115	114	115	359	111	418	82	108	46
3	e130	94	93	111	238	102	189	106	403	208	95	45
4	e105	108	87	108	266	96	230	103	140	251	88	45
5	e95	136	85	105	182	91	160	159	129	110	83	44
6	e120	103	102	105	146	89	140	87	123	108	77	43
7	e105	87	134	106	130	84	153	88	179	755	83	43
8	e95	79	158	103	123	173	315	88	136	803	109	42
9	e88	74	155	106	120	127	300	89	152	264	120	41
10	e86	71	1160	105	119	99	167	91	126	129	102	41
11	e85	73	1200	99	112	94	165	123	131	144	90	40
12	e82	113	436	96	106	96	e250	98	110	155	79	40
13	e98	116	158	98	103	100	e520	80	136	109	75	39
14	e105	94	134	238	109	217	192	85	106	108	85	38
15	e92	82	123	190	124	214	133	142	98	112	90	38
16	e88	77	119	138	117	272	129	220	90	120	78	38
17	e85	77	116	120	110	377	131	97	84	99	75	38
18	e83	75	114	109	102	197	134	85	80	92	143	37
19	e81	72	110	104	98	150	161	84	85	87	164	36
20	e78	72	104	103	100	150	135	444	91	85	111	36
21	e75	73	98	102	e230	146	125	614	146	85	93	35
22	e72	78	97	100	e890	162	148	195	145	121	93	35
23	71	115	294	98	506	320	213	140	98	96	84	35
24	78	182	410	95	334	207	151	151	85	82	277	35
25	80	207	132	94	288	172	121	101	78	75	88	34
26	75	127	231	95	212	201	111	97	82	73	63	33
27	73	107	269	95	176	168	163	95	103	70	59	35
28	72	116	267	92	222	1420	123	94	111	69	59	35
29	72	108	202	92	---	1100	111	91	97	206	102	37
30	74	94	155	125	---	343	161	108	88	468	58	37
31	73	---	134	142	---	430	---	129	---	196	47	---
TOTAL	2809	2965	7077	3511	5501	7715	5904	4314	4094	5452	3003	1167
MEAN	90.6	98.8	228	113	196	249	197	139	136	176	96.9	38.9
MAX	148	207	1200	238	890	1420	520	614	418	803	277	46
MIN	71	71	85	92	98	84	111	80	78	69	47	33
CFSM	0.82	0.89	2.06	1.02	1.77	2.24	1.77	1.25	1.23	1.58	0.87	0.35
IN.	0.94	0.99	2.37	1.18	1.84	2.59	1.98	1.45	1.37	1.83	1.01	0.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2005, BY WATER YEAR (WY)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	99.5	115	144	207	222	242	191	118	92.6	79.3	101	63.5					
MAX	177	259	363	473	406	474	648	213	136	176	348	138					
(WY)	1990	1993	1993	1993	1998	1993	1998	1998	2005	2005	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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02187910 ROCKY RIVER NEAR STARR, SC--Continued

SUMMARY STATISTICS

FOR 2005 WATER YEAR

WATER YEARS 1989 - 2005

ANNUAL TOTAL	53512		
ANNUAL MEAN	147		137
HIGHEST ANNUAL MEAN			226
LOWEST ANNUAL MEAN			73.0
HIGHEST DAILY MEAN	1420	Mar 28	3810
LOWEST DAILY MEAN	33	Sep 26	10
ANNUAL SEVEN-DAY MINIMUM	35	Sep 21	11
MAXIMUM PEAK FLOW	2220	Mar 28	6260
MAXIMUM PEAK STAGE	12.90	Mar 28	17.70
ANNUAL RUNOFF (CFSM)	1.32		1.23
ANNUAL RUNOFF (INCHES)	17.93		16.71
10 PERCENT EXCEEDS	240		239
50 PERCENT EXCEEDS	106		88
90 PERCENT EXCEEDS	70		40

e Estimated

