

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 September 2003.

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	815	166	127	86	108	453	79
2	---	---	---	---	---	323	153	161	86	1140	247	80
3	---	---	---	---	---	250	148	131	115	739	229	73
4	---	---	---	---	---	213	143	121	263	209	145	71
5	---	---	---	---	---	207	150	130	137	127	119	94
6	---	---	---	---	---	1290	158	289	99	118	107	80
7	---	---	---	---	---	1340	332	208	220	110	111	71
8	---	---	---	---	---	448	447	203	165	105	151	67
9	---	---	---	---	---	279	360	183	142	97	140	65
10	---	---	---	---	---	235	481	146	121	92	132	63
11	---	---	---	---	---	205	706	125	110	91	105	60
12	---	---	---	---	157	189	427	125	132	90	96	58
13	---	---	---	---	143	178	274	113	136	84	97	56
14	---	---	---	---	137	173	222	109	133	145	91	54
15	---	---	---	---	e137	191	197	108	111	133	88	54
16	---	---	---	---	e350	248	159	111	106	103	85	53
17	---	---	---	---	e360	221	111	122	102	87	199	51
18	---	---	---	---	e220	263	122	180	102	93	386	49
19	---	---	---	---	e170	316	122	206	111	95	192	47
20	---	---	---	---	157	1380	107	113	123	100	148	48
21	---	---	---	---	147	2320	108	115	100	79	122	46
22	---	---	---	---	294	1090	121	334	90	80	93	47
23	---	---	---	---	525	351	103	773	84	99	87	102
24	---	---	---	---	307	268	92	499	81	135	83	93
25	---	---	---	---	220	230	99	226	78	98	81	71
26	---	---	---	---	188	207	128	162	75	86	78	63
27	---	---	---	---	441	190	117	157	72	82	75	59
28	---	---	---	---	900	178	116	142	76	79	73	61
29	---	---	---	---	---	170	120	134	78	72	72	59
30	---	---	---	---	---	188	123	223	75	126	74	54
31	---	---	---	---	---	196	---	88	---	224	69	---
TOTAL	---	---	---	---	---	14152	6112	5864	3409	5026	4228	1928
MEAN	---	---	---	---	---	457	204	189	114	162	136	64.3
MAX	---	---	---	---	---	2320	706	773	263	1140	453	102
MIN	---	---	---	---	---	170	92	88	72	72	69	46
CFSM	---	---	---	---	---	4.11	1.84	1.70	1.02	1.46	1.23	0.58
IN.	---	---	---	---	---	4.74	2.05	1.97	1.14	1.68	1.42	0.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2003, BY WATER YEAR (WY)

MEAN	102	117	139	224	229	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	117	70.4	80.8	85.1	51.0	27.7	29.4	27.1	28.4
(WY)	2001	2001	2001	2001	2001	1999	2001	2001	2000	2000	1999	1999

SAVANNAH RIVER BASIN

02187910 ROCKY RIVER NEAR STARR, SC--Continued

SUMMARY STATISTICS

FOR 2003 WATER YEAR

WATER YEARS 1989 - 2003

ANNUAL MEAN			136	
HIGHEST ANNUAL MEAN			226	1998
LOWEST ANNUAL MEAN			73.0	2001
HIGHEST DAILY MEAN	2320	Mar 21	3810	Apr 18 1998
LOWEST DAILY MEAN	46	Sep 21	10	Aug 16 1999
ANNUAL SEVEN-DAY MINIMUM	49	Sep 16	11	Aug 13 1999
MAXIMUM PEAK FLOW	2530	Mar 21	6260	Apr 18 1998
MAXIMUM PEAK STAGE	13.51	Mar 21	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	

e Estimated

