

SAVANNAH RIVER BASIN

597

02186645 CONERROSS CREEK NEAR SENECA, SC

LOCATION.--Lat 34°38'57'', long 82°59'30'', Oconee County, Hydrologic Unit 03060101, on right bank 30 ft downstream of bridge on County Road 63, and 3.0 miles southwest of Seneca.

DRAINAGE AREA.--65.4 mi².

PERIOD OF RECORD.--April 1989 to September 2003 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 740 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for discharges from March 19 to April 14, 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	62	64	61	144	81	196	121	98	92	240	109	93
2	53	57	60	116	76	155	117	104	88	1160	129	79
3	46	55	60	126	74	133	115	98	117	419	92	74
4	42	51	70	105	89	121	113	93	119	320	87	71
5	39	105	875	97	80	117	135	152	97	263	83	70
6	35	285	359	92	79	595	129	353	92	247	83	66
7	35	131	247	88	137	261	247	460	179	301	128	65
8	33	94	201	87	102	173	199	243	151	175	171	64
9	31	79	173	85	91	148	192	172	116	132	191	63
10	31	75	168	84	101	132	318	141	98	122	187	61
11	36	139	517	79	90	121	279	129	92	121	160	60
12	48	198	210	77	84	115	193	120	94	116	117	59
13	49	141	312	77	81	111	161	110	124	113	104	58
14	40	105	251	87	83	109	143	105	103	124	96	58
15	136	89	158	82	86	112	132	106	94	131	88	62
16	363	311	126	81	170	124	125	104	89	118	90	59
17	142	277	107	82	196	113	122	178	92	123	106	57
18	89	158	98	78	132	142	141	148	144	427	163	56
19	70	122	92	76	116	200	122	123	148	182	103	53
20	60	105	318	74	104	2250	117	111	115	189	91	53
21	59	112	159	74	98	524	153	111	96	148	86	52
22	53	100	120	73	530	346	154	460	90	145	90	173
23	49	87	105	70	329	280	124	290	83	146	84	400
24	47	80	581	68	228	229	114	182	79	127	81	188
25	46	77	343	68	179	175	127	148	76	103	80	111
26	49	74	223	68	139	155	147	131	74	96	76	89
27	45	71	181	67	442	144	121	118	72	92	73	88
28	56	67	130	68	306	136	110	108	76	86	70	100
29	90	65	117	82	---	130	104	103	78	85	72	76
30	99	64	107	127	---	142	101	99	78	91	71	71
31	77	---	102	92	---	127	---	95	---	88	76	---
TOTAL	2110	3438	6631	2674	4303	7816	4476	4993	3046	6230	3237	2629
MEAN	68.1	115	214	86.3	154	252	149	161	102	201	104	87.6
MAX	363	311	875	144	530	2250	318	460	179	1160	191	400
MIN	31	51	60	67	74	109	101	93	72	85	70	52
CFSM	1.04	1.75	3.27	1.32	2.35	3.86	2.28	2.46	1.55	3.07	1.60	1.34
IN.	1.20	1.96	3.77	1.52	2.45	4.45	2.55	2.84	1.73	3.54	1.84	1.50

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

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	107	96.4	111	152	168	182	129	105	88.7	81.8	98.1	73.1			
MAX	254	281	259	349	371	323	248	199	152	255	290	127			
(WY)	1996	1993	1993	1993	1998	1990	1998	1998	1989	1989	1994	1992			
MIN	24.6	27.2	43.0	75.5	61.2	87.2	59.9	33.3	24.3	11.7	18.3	26.8			
(WY)	2002	2002	2002	2001	2001	1999	2001	2001	2002	2002	2002	1999			

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR			FOR 2003 WATER YEAR			WATER YEARS 1989 - 2003	
ANNUAL TOTAL	27840.3			51583			115	
ANNUAL MEAN	76.3			141			180	
HIGHEST ANNUAL MEAN							50.2	
LOWEST ANNUAL MEAN							1993	
HIGHEST DAILY MEAN	875	Dec	5	2250	Mar	20	2800	Mar 17 1990
LOWEST DAILY MEAN	3.1	Aug	9	31	a	Oct 9	3.1	Aug 9 2002
ANNUAL SEVEN-DAY MINIMUM	4.0	Aug	5	34	Oct	5	4.0	Aug 5 2002
MAXIMUM PEAK FLOW				3370			3590	
MAXIMUM PEAK STAGE				14.86			15.26	
ANNUAL RUNOFF (CFSM)	1.17			2.16			1.76	
ANNUAL RUNOFF (INCHES)	15.84			29.34			23.96	
10 PERCENT EXCEEDS	159			247			201	
50 PERCENT EXCEEDS	52			105			80	
90 PERCENT EXCEEDS	9.8			60			37	

a Also occurred Oct. 10.

