

021973565 STEEL CREEK AT ROAD A AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°08'44", long 81°37'44", Barnwell County, Hydrologic Unit 03060106, on right downstream side of bridge on SRS Road A, 160 ft downstream from Meyers Branch, at Savannah River Site.

PERIOD OF RECORD.--March 1985 to current year.

GAGE.--Data collection platform. Elevation of gage is 110 ft above sea level (from topographic map). From Sep. 17, 1993 to May 21, 1997, at datum 1.0 ft lower.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Savannah River Site operations.

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	24	20	24	19	62	24	37	31	e13	52	17	12
2	21	21	22	19	62	24	35	17	e13	44	16	11
3	20	22	21	36	44	26	32	16	e13	34	16	10
4	25	22	21	23	43	23	31	e20	e14	33	15	10
5	31	22	21	21	42	21	31	e21	e13	32	12	9.8
6	25	22	21	20	41	20	30	e20	e12	22	12	9.7
7	23	22	21	20	40	20	31	e19	e12	24	12	9.7
8	29	22	20	20	40	20	30	17	e13	16	12	9.9
9	25	22	22	20	34	22	30	e17	e12	15	12	10
10	23	22	22	20	29	22	30	e18	e11	14	12	11
11	22	23	21	19	28	20	29	e18	e10	35	12	10
12	21	23	20	19	27	20	28	e17	10	77	12	9.8
13	21	22	21	20	26	19	23	e17	9.8	84	11	12
14	30	22	20	20	25	35	18	e16	9.8	51	12	16
15	37	25	20	49	25	25	19	e17	14	45	12	17
16	37	28	24	37	25	21	19	e17	31	58	12	33
17	37	31	20	36	25	20	17	e17	99	73	12	30
18	37	27	19	83	27	20	17	e17	18	45	12	30
19	37	25	19	71	25	20	17	e17	14	42	11	30
20	37	25	19	41	24	19	17	e16	13	36	26	31
21	36	25	19	35	24	21	17	e16	13	28	16	27
22	30	24	19	35	24	21	16	e16	13	28	13	20
23	23	24	19	48	24	19	16	e16	12	28	13	19
24	23	25	19	86	25	19	16	e15	12	27	13	18
25	23	25	30	43	24	33	16	e15	12	26	15	19
26	23	25	33	39	24	56	16	e15	12	25	13	19
27	22	25	27	38	24	40	16	e14	12	24	12	25
28	20	24	23	47	25	35	16	e15	14	23	12	41
29	20	24	22	43	---	34	16	e14	36	20	13	32
30	20	25	21	38	---	33	26	e14	79	17	12	24
31	20	---	20	39	---	32	---	e14	---	17	12	---
TOTAL	822	714	670	1104	888	784	692	529	569.6	1095	412	565.9
MEAN	26.5	23.8	21.6	35.6	31.7	25.3	23.1	17.1	19.0	35.3	13.3	18.9
MAX	37	31	33	86	62	56	37	31	99	84	26	41
MIN	20	20	19	19	24	19	16	14	9.8	14	11	9.7

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1999, BY WATER YEAR (WY)

MEAN	74.1	123	141	142	144	165	168	142	150	98.5	73.3	72.4
MAX	158	314	427	368	402	381	428	417	376	261	175	133
(WY)	1991	1986	1987	1988	1988	1988	1988	1988	1987	1991	1989	1989
MIN	23.3	23.8	21.6	35.6	31.7	25.3	23.1	17.1	19.0	23.6	13.3	18.9
(WY)	1986	1999	1999	1999	1999	1999	1999	1999	1999	1997	1999	1999

## SAVANNAH RIVER BASIN

SUMMARY STATISTICS	FOR 1998 CALENDAR YEAR	FOR 1999 WATER YEAR	WATER YEARS 1985 - 1999
ANNUAL TOTAL	18015	8845.5	
ANNUAL MEAN	49.4	24.2	
HIGHEST ANNUAL MEAN			128
LOWEST ANNUAL MEAN			287
HIGHEST DAILY MEAN	530	Mar 9	24.2
LOWEST DAILY MEAN	19	** Jun 18	530
ANNUAL SEVEN-DAY MINIMUM	19	Jul 1	Mar 9 1998
INSTANTANEOUS PEAK FLOW		99	7.7
INSTANTANEOUS PEAK STAGE		Jun 17	Sep 14 1985
10 PERCENT EXCEEDS	103	9.7 *** Sep 6	9.9
50 PERCENT EXCEEDS	28	9.9 Sep 3	Sep 3 1999
90 PERCENT EXCEEDS	20	179 Jun 17	602 * Mar 9 1998
		2.82 Jun 17	4.32 * Mar 9 1998
		37	366
		21	81
		12	25

\* Also occurred Aug. 2, 1991, at datum then in use.

\*\* Also occurred Jun. 22, 23, and many days in Jul. and Aug.

\*\*\* Also occurred Sep. 7.

e Estimated

