

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.--No estimated daily discharges. Records good. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	20	20	16	21	18	19	15	12	15	14	15
2	13	25	20	16	20	18	18	15	11	15	17	16
3	13	22	20	16	20	18	18	15	11	14	17	20
4	18	21	20	17	19	22	18	14	12	13	20	17
5	27	20	20	19	19	20	17	14	13	13	17	18
6	21	19	21	16	18	18	17	14	13	12	15	18
7	18	20	20	16	18	18	17	14	12	12	14	19
8	15	20	20	16	18	18	17	13	12	12	13	17
9	14	20	20	15	18	17	17	13	12	12	13	16
10	14	20	20	30	18	17	17	13	12	12	14	16
11	17	21	19	23	18	18	17	13	11	15	13	15
12	24	23	19	17	18	24	17	13	11	12	17	15
13	42	23	19	16	19	18	16	13	12	12	14	15
14	23	23	21	15	67	17	17	12	13	12	13	15
15	19	23	19	15	58	17	30	12	12	12	13	15
16	18	23	18	15	22	22	21	12	12	11	13	14
17	18	23	18	15	21	26	18	12	12	11	13	14
18	18	22	18	15	20	18	17	12	12	11	12	17
19	17	22	25	15	20	17	16	12	14	11	18	19
20	18	22	22	17	20	113	16	12	15	11	16	17
21	19	20	19	15	19	82	16	12	15	11	14	19
22	19	20	19	15	19	67	16	13	14	11	14	25
23	19	21	18	22	18	65	16	12	16	20	14	271
24	18	21	17	47	18	48	16	12	14	54	13	37
25	19	21	17	43	18	21	16	12	13	19	21	20
26	19	31	16	23	18	20	16	12	12	16	18	23
27	19	25	16	21	19	20	16	13	12	15	16	17
28	19	21	16	20	20	20	16	12	12	14	15	17
29	18	21	16	22	18	19	16	12	18	14	14	18
30	19	20	16	35	---	20	15	12	24	13	14	18
31	19	---	16	29	---	20	---	12	---	13	15	---
TOTAL	589	653	585	632	639	876	519	397	394	448	464	793
MEAN	19.0	21.8	18.9	20.4	22.0	28.3	17.3	12.8	13.1	14.5	15.0	26.4
MAX	42	31	25	47	67	113	30	15	24	54	21	271
MIN	13	19	16	15	18	17	15	12	11	11	12	14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2000, BY WATER YEAR (WY)

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
MEAN	70.4	116	133	134	136	157	159	134	141	93.2	69.7	69.5				
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	19.0	21.8	18.9	20.4	22.0	25.3	17.3	12.8	13.1	14.5	13.3	18.9				
(WY)	2000	2000	2000	2000	2000	1999	2000	2000	2000	2000	1999	1999				

SAVANNAH RIVER BASIN

021973565 STEEL CREEK AT ROAD A AT SAVANNAH RIVER SITE, SC--Continued  
 SUMMARY STATISTICS FOR 1999 CALENDAR YEAR FOR 2000 WATER YEAR WATER YEARS 1985 - 2000

ANNUAL TOTAL	8466.5	6989	121	
ANNUAL MEAN	23.2	19.1	19.1	1988
HIGHEST ANNUAL MEAN			287	2000
LOWEST ANNUAL MEAN			19.1	
HIGHEST DAILY MEAN	99	271	530	Mar 9 1998
LOWEST DAILY MEAN	9.7 a	11	7.7	Sep 14 1985
ANNUAL SEVEN-DAY MINIMUM	9.9	11	9.9	Sep 3 1999
INSTANTANEOUS PEAK FLOW		394	602	c Mar 9 1998
INSTANTANEOUS PEAK STAGE		3.73	4.32	c Mar 9 1998
10 PERCENT EXCEEDS	38	23	356	
50 PERCENT EXCEEDS	20	17	77	
90 PERCENT EXCEEDS	12	12	20	

a Also occurred Sep. 7.  
 b Also occurred Jun. 3, 11, 12, Jul. 16-22.  
 c Also occurred Aug. 2, 1991, at datum then in use.

