

## 021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'58'', long 81°36'13'', Barnwell County, Hydrologic Unit 03060106, at right bank, 0.5 mi east of SRS Road C, and 0.8 mi upstream of SRS Road B, at Savannah River Site.

PERIOD OF RECORD.--April 1986 to current year.

GAGE.--Data collection platform. Elevation of gage is 208 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow completely 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	1.1	1.2	1.6	1.2	1.5	1.2	1.2	1.0	1.0	1.0	.97	.75
2	1.1	1.3	1.6	1.2	1.5	1.2	1.2	1.0	.99	.91	.95	.82
3	1.1	1.2	1.5	1.2	1.5	1.2	1.2	1.0	.97	.81	.94	.80
4	1.3	1.2	1.4	1.3	1.4	1.3	1.2	.99	.99	.80	.98	.78
5	1.2	1.2	1.4	1.2	1.4	1.2	1.2	1.0	1.0	.78	.85	.80
6	1.1	1.2	1.4	1.1	1.4	1.2	1.2	.98	.96	.81	.80	.83
7	1.1	1.2	1.4	1.1	1.4	1.2	1.2	.98	.94	.82	.79	.80
8	1.1	1.2	1.3	1.1	1.3	1.2	1.2	.98	.94	.78	.78	.75
9	1.1	1.2	1.3	1.1	1.3	1.2	1.2	.97	.93	.77	.82	.75
10	1.1	1.2	1.3	3.0	1.2	1.2	1.2	.97	.91	.75	.78	.73
11	1.1	1.3	1.3	1.4	1.2	1.3	1.2	.96	.90	.73	.76	.73
12	1.7	1.4	1.3	1.2	1.2	1.3	1.2	.94	.90	.73	.77	.73
13	1.8	1.5	1.3	1.3	1.2	1.2	1.2	.92	.96	.73	.76	.72
14	1.3	1.5	1.3	1.2	1.4	1.2	1.2	.92	.92	.75	.72	.71
15	1.2	1.5	1.3	1.2	1.2	1.2	1.4	.92	.89	.73	.76	.71
16	1.2	1.5	1.3	1.2	1.2	1.4	1.1	.92	.90	.72	.74	.69
17	1.2	1.5	1.3	1.2	1.2	1.3	1.1	.93	.89	.72	.74	.70
18	1.2	1.5	1.3	1.2	1.2	1.2	1.1	.93	.95	.72	1.4	.92
19	1.2	1.5	1.4	1.2	1.2	1.2	1.1	.91	1.0	.71	1.3	.82
20	1.2	1.5	1.3	1.2	1.2	7.3	1.1	.90	.90	.71	.82	.87
21	1.2	1.5	1.3	1.2	1.2	1.7	1.1	.91	.89	.70	.80	.77
22	1.2	1.5	1.2	1.2	1.2	1.5	1.1	.94	1.6	.72	.79	1.7
23	1.2	1.5	1.2	1.7	1.2	1.5	1.1	.91	1.1	4.0	.76	e10
24	1.2	1.6	1.2	4.3	1.2	1.4	1.1	.90	.89	1.6	.74	1.1
25	1.2	1.5	1.2	2.1	1.2	1.4	1.1	.90	.84	1.0	1.1	.97
26	1.2	2.0	1.2	1.6	1.2	1.4	1.1	2.6	.84	.91	.80	.98
27	1.2	1.7	1.1	1.5	1.2	1.4	1.1	1.3	.86	.86	.78	.86
28	1.2	1.6	1.1	1.4	1.2	1.3	1.1	1.0	.83	.85	.76	.82
29	1.2	1.6	1.2	1.5	1.2	1.3	1.1	.99	1.1	.82	.75	.81
30	1.1	1.5	1.2	2.2	---	1.4	1.0	.97	1.0	.81	.76	.81
31	1.1	---	1.2	1.6	---	1.3	---	.99	---	.80	.77	---
TOTAL	37.4	42.8	40.4	46.1	36.9	46.3	34.6	31.53	28.79	28.55	26.28	34.23
MEAN	1.21	1.43	1.30	1.49	1.27	1.49	1.15	1.02	.96	.92	.85	1.14
MAX	1.8	2.0	1.6	4.3	1.5	7.3	1.4	2.6	1.6	4.0	1.4	10
MIN	1.1	1.2	1.1	1.1	1.2	1.2	1.0	.90	.83	.70	.74	.69

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2000, BY WATER YEAR (WY)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
MEAN	3.86	2.67	3.11	4.74	7.12	11.2	13.1	3.58	6.56	12.6	9.08	7.31			
MAX	10.0	10.0	10.1	19.4	42.5	66.1	64.0	10.1	28.9	109	97.8	62.1			
(WY)	1992	1997	1997	1994	1993	1993	1991	1996	1991	1991	1991	1988			
MIN	1.16	1.24	1.13	.97	.96	.95	.97	1.01	.94	.92	.85	1.14			
(WY)	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	2000	2000	2000		

SAVANNAH RIVER BASIN

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1986 - 2000	
ANNUAL TOTAL	535.3		433.88		7.11	
ANNUAL MEAN	1.47		1.19		30.0	
HIGHEST ANNUAL MEAN					1.04	
LOWEST ANNUAL MEAN					1989	
HIGHEST DAILY MEAN	9.5	Jun 29	e 10	Sep 23	e 220	Aug 2 1991
LOWEST DAILY MEAN	1.1	a May 31	.69	Sep 16	.50	Jun 7 1992
ANNUAL SEVEN-DAY MINIMUM	1.1	May 31	.71	Sep 11	.71	Sep 11 2000
INSTANTANEOUS PEAK FLOW			Unknown	Sep 23	Unknown	Aug 2 1991
INSTANTANEOUS PEAK STAGE			3.33	Sep 23	5.57	Aug 2 1991
10 PERCENT EXCEEDS	1.7		1.5		11	
50 PERCENT EXCEEDS	1.3		1.2		1.9	
90 PERCENT EXCEEDS	1.2		.77		1.1	

a Also occurred Ju. 1-10, 12-15.

e Estimated

