

SAVANNAH RIVER BASIN

545

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.--No estimated daily discharges. Records good. Flow completely 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	1.8	1.4	1.7	1.3	3.0	1.4	1.5	1.6	1.1	2.0	1.4	1.4
2	1.7	1.4	1.7	1.3	1.9	1.4	1.4	1.3	1.1	1.7	1.4	1.3
3	1.7	1.5	1.6	1.9	1.6	1.4	1.4	1.3	1.1	1.6	1.4	1.3
4	2.0	1.6	1.6	1.4	1.5	1.4	1.4	1.3	1.1	1.4	1.4	1.3
5	1.8	1.6	1.5	1.3	1.4	1.4	1.4	1.4	1.1	1.4	1.4	1.3
6	1.8	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.1	1.5	1.4	1.3
7	1.9	1.6	1.5	1.3	1.4	1.4	1.3	1.3	1.1	2.2	1.4	1.3
8	1.9	1.6	1.4	1.3	1.4	1.4	1.3	1.2	1.1	1.5	1.3	1.3
9	1.7	1.6	1.4	1.3	1.4	1.6	1.3	1.2	1.1	1.4	1.3	1.4
10	1.7	1.6	1.4	1.2	1.4	1.5	1.3	1.2	1.1	1.3	1.3	1.4
11	1.7	1.6	1.4	1.2	1.4	1.5	1.3	1.2	1.2	3.9	1.3	1.3
12	1.7	1.6	1.4	1.2	1.4	1.5	1.3	1.2	1.1	5.1	1.3	1.3
13	1.7	1.5	1.5	1.2	1.4	1.5	1.2	1.3	1.1	4.7	1.3	1.3
14	1.6	1.6	1.4	1.3	1.4	2.0	1.2	1.3	1.1	2.4	1.4	1.3
15	1.6	1.6	1.4	2.0	1.3	1.5	1.4	1.2	1.1	2.0	1.3	1.5
16	1.6	1.7	1.4	1.2	1.3	1.5	1.3	1.2	6.6	2.8	1.4	1.4
17	1.6	1.7	1.3	1.2	1.3	1.5	1.2	1.2	2.6	2.3	1.3	1.3
18	1.6	1.7	1.3	2.3	1.4	1.5	1.3	1.2	1.5	1.9	1.3	1.3
19	1.6	1.7	1.3	1.4	1.4	1.4	1.3	1.2	1.3	1.8	1.3	1.4
20	1.6	1.7	1.3	1.3	1.4	1.4	1.3	1.2	1.3	1.7	2.1	1.5
21	1.5	1.7	1.3	1.2	1.4	1.5	1.3	1.2	1.3	1.6	1.5	1.5
22	1.5	1.7	1.3	1.2	1.4	1.4	1.3	1.2	1.3	1.7	1.4	1.4
23	1.5	1.7	1.3	3.1	1.4	1.4	1.3	1.2	1.2	1.6	1.4	1.4
24	1.5	1.7	1.3	3.3	1.4	1.4	1.3	1.2	1.3	1.4	1.5	1.4
25	1.5	1.6	1.6	1.7	1.4	1.6	1.3	1.2	1.3	1.4	1.5	1.4
26	1.5	1.6	1.7	1.5	1.4	2.0	1.3	1.2	1.3	1.4	1.4	1.8
27	1.5	1.6	1.4	1.5	1.4	1.5	1.3	1.2	1.3	1.4	1.4	1.9
28	1.5	1.6	1.4	1.4	1.4	1.4	1.3	1.2	1.5	1.4	1.5	3.6
29	1.5	1.6	1.3	1.4	--	1.4	1.3	1.2	9.5	1.4	1.4	1.9
30	1.5	1.7	1.3	1.4	--	1.4	2.1	1.2	2.9	1.4	1.4	1.6
31	1.5	--	1.3	1.4	--	1.4	--	1.1	--	1.4	1.4	--
TOTAL	50.8	48.3	44.2	47.0	41.3	46.0	40.2	38.4	52.8	60.7	43.5	44.8
MEAN	1.64	1.61	1.43	1.52	1.48	1.48	1.34	1.24	1.76	1.96	1.40	1.49
MAX	2.0	1.7	1.7	3.3	3.0	2.0	2.1	1.6	9.5	5.1	2.1	3.6
MIN	1.5	1.4	1.3	1.2	1.3	1.4	1.2	1.1	1.1	1.3	1.3	1.3

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 1999, BY WATER YEAR (WY)

SAVANNAH RIVER BASIN

SUMMARY STATISTICS	021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER SITE, SC--Continued	FOR 1998 CALENDAR YEAR	FOR 1999 WATER YEAR	WATER YEARS 1986 - 1999
ANNUAL TOTAL	1404.1		558.0	
ANNUAL MEAN	3.85		1.53	
HIGHEST ANNUAL MEAN				7.57 1991
LOWEST ANNUAL MEAN				30.0 1989
HIGHEST DAILY MEAN	55	Mar 8	9.5 Jun 29	1.04 1989
LOWEST DAILY MEAN	1.3	Dec 17	1.1 * May 31	.50 Jun 7 1992
ANNUAL SEVEN-DAY MINIMUM	1.3	Dec 17	1.1 May 31	.77 May 29 1989
INSTANTANEOUS PEAK FLOW			89 Jun 29	Unknown Aug 2 1991
INSTANTANEOUS PEAK STAGE			2.00 Jun 29	5.57 Aug 2 1991
10 PERCENT EXCEEDS	6.5		1.7	11
50 PERCENT EXCEEDS	2.1		1.4	2.1
90 PERCENT EXCEEDS	1.5		1.2	1.1

* Also occurred Jun. 1-10, 12-15.

