

## 02197334 SITE NO. 3 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'31'', long 81°39'12'', Barnwell County, Hydrologic Unit 03060106, located on Fourmile Creek, on left bank, approximately 100 ft upstream of SRS Road 4, 0.8 mi southwest of H-Area, at Savannah River Site.

DRAINAGE AREA.--5.95 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Data collection platform. Datum of gage is 198.9 ft above sea level (by Global Positioning System and Department of Energy benchmarks).

REMARKS.--Records 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	2.5	1.6	2.2	2.9	15	3.1	2.7	2.7	1.8	5.5	2.8	1.5
2	2.7	1.6	2.2	3.3	7.5	3.0	2.6	2.7	1.8	6.5	2.6	1.5
3	1.9	1.5	2.1	10	4.3	3.0	2.6	2.1	1.9	3.9	2.5	1.5
4	1.8	1.8	2.1	3.5	5.2	3.0	2.5	2.0	2.3	3.7	2.3	1.3
5	1.8	1.8	2.3	2.8	3.6	3.0	2.5	1.8	2.5	3.1	2.1	e1.4
6	1.8	1.7	2.2	3.4	3.0	2.9	2.4	2.1	e1.6	3.6	2.2	e1.4
7	1.9	1.6	2.3	3.0	3.1	3.0	2.4	2.1	1.5	12	2.0	e1.4
8	2.1	1.6	2.5	2.8	3.0	3.0	2.4	1.9	1.5	7.7	1.9	e1.4
9	1.9	1.5	2.7	3.0	2.9	3.2	2.3	1.8	1.5	5.0	1.7	e1.5
10	2.0	1.6	2.6	3.6	3.2	3.1	2.3	1.8	1.5	3.5	1.5	e1.5
11	2.0	1.6	2.2	2.6	3.0	3.0	2.3	1.9	1.8	9.7	1.5	e1.5
12	2.0	1.6	2.4	2.9	3.3	2.9	2.1	1.9	1.5	14	1.4	e1.6
13	1.9	1.5	2.4	2.6	3.3	3.0	2.0	2.0	1.3	18	1.5	e1.7
14	1.8	1.5	2.2	3.0	3.3	3.7	1.9	1.7	e1.2	12	1.5	e1.7
15	1.7	1.5	2.9	8.6	3.4	3.3	2.0	1.9	e1.2	8.7	1.4	1.8
16	1.7	1.6	3.5	3.3	3.5	2.9	2.1	1.9	e5.0	6.2	1.5	1.3
17	1.7	1.7	3.0	2.8	3.6	2.9	1.9	1.8	16	6.5	1.4	1.4
18	1.6	e2.2	3.0	8.1	3.6	2.9	1.7	e1.9	3.1	5.8	1.4	1.4
19	1.7	2.6	2.8	3.4	3.5	2.8	1.7	e1.7	3.2	5.5	1.5	1.4
20	1.7	1.8	2.7	3.5	3.5	2.8	1.8	e1.6	2.4	5.5	3.4	1.9
21	1.6	2.1	2.7	3.7	3.5	2.8	1.7	e1.5	3.1	6.1	2.2	1.5
22	1.5	2.1	2.7	3.8	3.5	2.8	1.9	e1.6	2.1	10	3.1	1.4
23	1.6	1.8	2.5	18	3.5	2.7	2.0	e1.5	2.0	8.5	2.2	1.6
24	1.6	1.8	2.8	12	3.4	2.7	2.1	e1.4	2.1	7.3	1.9	1.7
25	1.5	1.8	6.1	2.9	3.5	3.2	2.1	e1.5	2.5	4.6	1.8	1.9
26	1.5	1.9	5.9	1.7	3.4	3.6	2.1	e1.6	2.5	4.2	1.8	2.1
27	1.5	1.9	3.4	1.5	3.4	2.9	2.1	1.6	2.9	3.9	1.7	2.5
28	1.5	1.7	3.1	1.9	3.4	2.9	2.2	1.5	4.3	3.8	1.9	3.3
29	1.6	1.9	3.7	3.1	---	2.7	2.2	e1.5	e9.6	3.5	1.7	2.5
30	1.6	2.1	3.0	4.2	---	2.6	2.9	e1.5	9.2	3.6	1.6	2.3
31	1.6	---	2.7	5.7	---	2.6	---	1.9	---	3.1	1.4	---
TOTAL	55.3	53.0	88.9	137.6	112.4	92.0	65.5	56.4	94.9	205.0	59.4	50.9
MEAN	1.78	1.77	2.87	4.44	4.01	2.97	2.18	1.82	3.16	6.61	1.92	1.70
MAX	2.7	2.6	6.1	18	15	3.7	2.9	2.7	16	18	3.4	3.3
MIN	1.5	1.5	2.1	1.5	2.9	2.6	1.7	1.4	1.2	3.1	1.4	1.3

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1999, BY WATER YEAR (WY)

MEAN	5.06	5.55	6.90	9.07	11.2	11.9	9.16	6.34	5.12	5.52	5.76	5.11
MAX	17.5	11.9	12.8	20.3	31.2	27.4	20.0	22.2	9.11	20.0	22.5	14.0
(WY)	1991	1980	1977	1993	1973	1993	1973	1984	1984	1991	1991	1979
MIN	1.78	1.77	2.87	3.15	3.46	2.97	2.18	1.82	2.16	1.75	1.92	1.70
(WY)	1999	1999	1999	1989	1989	1999	1999	1999	1990	1980	1999	1999

## SAVANNAH RIVER BASIN

SUMMARY STATISTICS	02197334 SITE NO. 3 AT SAVANNAH RIVER SITE, SC--Continued FOR 1998 CALENDAR YEAR	FOR 1999 WATER YEAR	WATER YEARS 1973 - 1999
ANNUAL TOTAL	2552.4	1071.3	
ANNUAL MEAN	6.99	2.94	6.95
HIGHEST ANNUAL MEAN			13.6
LOWEST ANNUAL MEAN			2.94
HIGHEST DAILY MEAN	120	Mar 9	1991
LOWEST DAILY MEAN	1.2	* Sep 7	1999
ANNUAL SEVEN-DAY MINIMUM	1.3	Sep 6	.61
INSTANTANEOUS PEAK FLOW		1.4	Jun 6 1974
INSTANTANEOUS PEAK STAGE		Sep 2	1.3
10 PERCENT EXCEEDS	14	Unknown	Sep 6 1998
50 PERCENT EXCEEDS	3.2	Jun 29	Aug 1 1991
90 PERCENT EXCEEDS	1.6	5.20	5.99
		Jun 29	Aug 1 1991
		1.5	2.6

\* Also occurred Sep. 8.  
 \*\* Also occurred Jul. 13.  
 \*\*\* Also occurred Jun. 15.

e Estimated

