

SAVANNAH RIVER BASIN

559

02197340 SITE NO. 6 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'23", long 81°40'05", Aiken County, Hydrologic Unit 03060106, on Fourmile Creek, on left bank, 50 ft upstream of SRS Road C, and 0.7 mi southeast of F-Area, at Savannah River Site.

DRAINAGE AREA.--7.53 mi².

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

GAGE.--Data collection platform. Datum of gage is 187.9 ft above sea level (by Global Positioning System).

REMARKS.--Records poor. 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	5.3	7.1	7.1	5.7	5.9	5.2	2.6	e4.3	2.8	5.5	8.8	3.7
2	5.3	7.5	7.2	6.4	5.7	5.6	2.5	e4.2	2.7	4.5	12	4.9
3	6.0	7.1	7.2	6.5	5.5	e6.1	2.5	e4.1	2.5	3.3	8.2	3.9
4	7.7	6.9	7.4	6.7	5.3	6.9	2.4	e4.0	2.7	3.9	6.8	3.9
5	6.9	6.9	7.6	6.3	5.4	6.2	2.6	e3.8	3.0	3.2	5.4	3.9
6	6.1	6.8	8.0	6.2	5.5	e6.0	2.9	e3.7	2.8	3.1	4.4	4.0
7	6.0	6.5	8.2	5.8	5.8	5.8	2.9	e3.6	3.1	3.3	3.5	4.0
8	5.9	7.1	7.8	5.6	5.6	5.5	3.2	e3.6	3.2	3.3	3.4	3.8
9	6.0	6.7	7.6	5.4	5.1	5.1	2.9	e3.4	3.1	3.2	3.5	3.8
10	6.0	6.4	7.6	8.6	4.7	4.5	2.8	e3.6	3.2	3.2	3.8	3.7
11	5.9	6.6	6.5	7.1	5.5	4.9	3.1	e3.5	3.1	3.7	3.7	3.8
12	6.6	6.6	7.1	6.6	5.5	5.1	2.8	3.6	2.9	3.6	3.6	3.7
13	7.8	6.6	7.6	6.7	5.5	4.1	3.1	4.0	2.9	3.3	3.7	3.6
14	7.2	6.7	e7.9	5.9	5.9	3.3	3.4	4.0	2.9	3.0	3.3	3.6
15	6.1	6.7	8.2	6.0	5.3	2.7	5.3	e3.7	e2.9	3.0	3.3	3.7
16	6.4	6.9	8.3	6.3	5.4	3.4	3.5	3.5	2.8	3.3	3.2	3.5
17	6.3	7.1	10	6.4	5.3	3.6	3.1	3.5	2.7	3.1	3.1	3.4
18	6.3	6.9	8.3	6.9	5.3	3.0	3.4	3.8	3.1	3.0	4.4	4.0
19	6.1	7.1	6.8	6.6	5.4	2.8	3.7	3.6	6.5	3.0	5.5	4.4
20	6.2	7.1	6.1	7.0	5.5	25	3.8	3.8	3.6	3.1	4.0	8.0
21	6.2	7.2	7.3	6.8	5.5	5.1	3.7	3.7	4.6	2.9	4.7	7.8
22	5.7	7.2	6.9	6.7	5.5	3.4	3.5	3.7	11	2.9	5.1	e9.3
23	5.6	7.3	6.4	8.0	5.5	4.0	3.5	3.6	10	6.9	3.9	e47
24	6.0	7.3	6.2	11	5.6	3.3	3.4	3.5	5.6	5.9	3.5	10
25	6.2	7.4	5.6	8.9	5.8	2.6	e3.2	3.2	4.7	3.7	7.1	8.6
26	6.3	7.8	5.7	7.4	5.7	2.4	e3.0	5.5	3.5	5.0	4.3	11
27	6.5	7.6	6.2	6.3	5.7	2.4	2.8	3.3	3.3	4.7	3.7	6.1
28	6.5	7.0	5.8	6.0	5.6	2.3	3.4	2.6	3.1	3.5	3.6	4.5
29	6.5	7.0	5.9	6.4	5.2	2.2	3.2	2.7	7.6	3.7	3.6	4.2
30	6.4	7.0	5.8	7.5	---	2.9	2.8	2.7	7.8	3.3	3.6	4.5
31	6.4	--	5.7	6.6	---	2.9	--	3.3	--	3.1	3.7	--
TOTAL	194.4	210.1	220.0	210.3	159.2	148.3	95.0	113.1	123.7	114.2	144.4	194.3
MEAN	6.27	7.00	7.10	6.78	5.49	4.78	3.17	3.65	4.12	3.68	4.66	6.48
MAX	7.8	7.8	10	11	5.9	25	5.3	5.5	11	6.9	12	47
MIN	5.3	6.4	5.6	5.4	4.7	2.2	2.4	2.6	2.5	2.9	3.1	3.4
CFSM	.83	.93	.94	.90	.73	.64	.42	.48	.55	.49	.62	.86
IN.	.96	1.04	1.09	1.04	.79	.73	.47	.56	.61	.56	.71	.96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 2000, BY WATER YEAR (WY)

MEAN	9.15	10.6	11.4	14.2	15.7	16.6	13.2	9.85	9.35	9.61	10.2	9.08
MAX	21.8	20.5	21.2	27.5	32.4	31.5	32.1	33.5	21.1	18.3	25.0	18.1
(WY)	1991	1980	1998	1998	1973	1998	1984	1984	1973	1984	1991	1979
MIN	4.98	6.07	5.53	6.78	5.49	4.78	3.17	3.65	3.79	3.68	4.66	4.31
(WY)	1996	1997	1979	2000	2000	2000	2000	2000	1990	2000	2000	1994

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR	WATER YEARS 1973 - 2000
ANNUAL TOTAL	2759.2	1927.0	
ANNUAL MEAN	7.56	5.27	
HIGHEST ANNUAL MEAN			11.5
LOWEST ANNUAL MEAN			18.6
HIGHEST DAILY MEAN	46	Jan 24	5.27
LOWEST DAILY MEAN	3.5	Sep 13	e 186
ANNUAL SEVEN-DAY MINIMUM	4.0	Sep 8	Aug 22 1990
INSTANTANEOUS PEAK FLOW			2.1
INSTANTANEOUS PEAK STAGE			May 24 1997
ANNUAL RUNOFF (CFSM)	1.00	.70	2.5
ANNUAL RUNOFF (INCHES)	13.63	9.52	Mar 25 2000
10 PERCENT EXCEEDS	11	7.5	Unknown
50 PERCENT EXCEEDS	6.5	5.2	Aug 2 1991
90 PERCENT EXCEEDS	4.8	2.9	6.27
			1.53
			20.77
			20
			9.4
			5.2

e Estimated

