

SAVANNAH RIVER BASIN

02197339 SITE NO. 5B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°16'29"', long 81°40'06"', Aiken County, Hydrologic Unit 0306106, on right bank, 100 ft east of SRS Road C, 300 ft upstream from confluence with Fourmile Creek, 0.7 mi southeast of F Area, at Savannah River Site.

DRAINAGE AREA.--0.57 mi².

PERIOD OF RECORD.--October 1980 to September 2002 (discontinued).

GAGE.--Data collection platform. Datum of gage is 191.2 ft above NGVD of 1929 (by Global Positioning System and Department of Energy benchmarks). Prior to Oct. 12, 1990, at datum 1.0 ft lower.

REMARKS.--Records poor. Flow regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	1.8	1.9	1.6	1.4	2.0	2.2	2.3	2.1	2.1	2.5	2.5
2	1.9	2.0	1.9	1.4	1.6	3.0	2.2	2.2	2.1	2.2	2.6	1.7
3	1.4	1.9	1.8	1.6	1.4	2.2	2.1	2.6	2.0	2.9	2.6	1.6
4	1.6	1.8	2.0	1.7	1.5	2.2	2.1	2.2	2.1	2.3	2.0	1.6
5	1.8	1.8	2.3	1.8	1.5	2.7	2.1	2.2	2.2	2.4	2.1	1.9
6	1.8	1.9	2.1	2.1	2.8	2.4	2.2	2.2	2.2	2.3	2.0	2.3
7	1.7	1.8	1.9	1.7	2.8	2.2	2.2	2.2	2.2	2.2	2.0	1.9
8	1.8	1.9	1.9	1.8	1.9	2.3	2.3	2.2	1.9	2.1	2.0	1.6
9	1.8	1.9	1.9	1.7	2.4	2.4	2.2	2.1	2.0	2.2	2.0	1.6
10	1.8	2.1	1.9	1.7	2.0	2.3	2.7	2.1	2.1	2.1	2.3	1.6
11	1.8	2.0	1.9	1.8	1.9	2.5	2.2	2.1	2.1	2.2	2.0	1.6
12	1.8	1.9	1.9	2.6	1.7	2.8	2.5	2.1	2.1	2.4	2.0	1.6
13	1.8	1.9	2.0	2.0	1.7	2.7	2.4	2.1	2.1	3.2	2.0	1.6
14	2.1	2.0	2.1	2.0	1.9	2.3	2.5	2.1	2.4	2.2	2.1	2.1
15	1.8	2.0	1.8	1.8	1.8	2.3	2.4	2.0	1.9	2.0	2.0	1.8
16	1.8	2.0	1.8	1.9	1.9	2.3	2.3	2.0	1.6	2.1	2.0	1.7
17	1.8	2.1	2.2	1.8	1.9	2.4	2.4	2.2	1.4	2.0	2.1	1.7
18	1.8	1.9	1.8	2.2	1.9	2.4	2.2	2.5	1.5	2.0	2.3	1.8
19	1.9	2.0	1.8	2.5	1.8	2.3	2.2	2.1	1.5	1.9	2.3	1.8
20	1.9	2.0	1.8	1.9	1.9	2.3	2.2	2.1	2.3	1.9	1.9	1.9
21	1.9	1.9	1.7	1.7	2.0	2.6	2.2	2.1	2.2	2.1	1.8	1.7
22	1.9	1.9	1.8	1.8	1.9	2.3	2.2	2.6	2.1	2.0	1.8	1.6
23	1.9	2.4	1.7	1.8	1.9	2.2	2.1	2.3	2.1	1.9	1.7	1.7
24	2.0	1.9	1.7	1.6	2.0	2.2	2.2	2.1	2.6	2.0	1.6	1.7
25	2.0	2.1	1.9	e0.63	2.1	2.2	2.3	2.2	2.2	2.1	1.8	1.7
26	2.1	1.9	1.9	e1.4	2.0	2.3	2.2	2.1	2.1	1.9	1.7	2.3
27	2.1	2.1	1.7	1.6	2.1	2.2	2.3	2.0	2.1	1.9	1.9	2.4
28	2.3	1.9	1.9	1.6	2.1	2.3	2.2	2.0	2.1	1.9	1.9	2.3
29	2.1	2.0	1.7	1.6	---	2.5	2.2	2.0	2.2	1.8	1.7	1.9
30	2.0	1.9	1.6	1.5	---	2.5	2.3	2.1	2.2	1.9	2.0	1.7
31	1.9	---	1.6	1.4	---	2.3	---	2.1	---	2.3	1.9	---
TOTAL	58.2	58.7	57.9	54.23	53.8	73.6	67.8	67.2	61.7	66.5	62.6	54.9
MEAN	1.88	1.96	1.87	1.75	1.92	2.37	2.26	2.17	2.06	2.15	2.02	1.83
MAX	2.3	2.4	2.3	2.6	2.8	3.0	2.7	2.6	2.6	3.2	2.6	2.5
MIN	1.4	1.8	1.6	0.63	1.4	2.0	2.1	2.0	1.4	1.8	1.6	1.6

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2002, BY WATER YEAR (WY)

MEAN	2.85	2.87	2.95	3.16	3.29	3.17	2.98	2.82	3.13	2.88	2.79	2.69
MAX	4.84	4.87	4.47	4.62	5.00	5.29	5.38	5.79	4.80	4.71	5.30	4.79
(WY)	1991	1984	1985	1986	1985	1998	1984	1984	1995	1984	1984	1989
MIN	1.46	1.65	1.87	1.75	1.66	2.05	2.02	1.93	2.01	1.46	1.72	0.93
(WY)	1992	1992	2002	2002	1992	1992	2001	1999	2001	1990	1992	1990

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SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1980 - 2002	
ANNUAL TOTAL	766.9	737.13		
ANNUAL MEAN	2.10	2.02	2.96	
HIGHEST ANNUAL MEAN			4.63	1984
LOWEST ANNUAL MEAN			1.92	1992
HIGHEST DAILY MEAN	e 9.5 Sep 11	3.2 Jul 13	e 33 Jun 24	1995
LOWEST DAILY MEAN	1.1 a Feb 27	0.63 Jan 25	0.60 Sep 15	1990
ANNUAL SEVEN-DAY MINIMUM	1.4 Feb 24	1.4 Jan 25	0.74 Sep 10	1990
MAXIMUM PEAK FLOW		13 Feb 6	Unknown Apr 27	1991
MAXIMUM PEAK STAGE		1.38 Feb 6	4.90 Apr 27	1991
10 PERCENT EXCEEDS	2.4	2.4	4.4	
50 PERCENT EXCEEDS	2.0	2.0	2.7	
90 PERCENT EXCEEDS	1.7	1.7	1.8	

a Also occurred Feb. 28.

e Estimated

