

02197323 D-006 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'12", long 81°44'38", Barnwell County, Hydrologic Unit 03060106, on upstream side of culvert, on the west side of D-Area, 1.0 mi south of intersection of SRS Roads 3 and A-4, at Savannah River Site.

PERIOD OF RECORD.--May 1984 to current year.

GAGE.--Data collection platform. Elevation of gage is 120 ft above sea level (from topographic map). Prior to Nov. 9, 1990, at site 200 ft downstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are 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	2.2	1.9	1.9	1.8	4.6	2.2	2.3	2.2	2.0	2.1	1.5	1.4
2	2.2	1.9	1.9	2.1	2.5	2.2	2.3	2.2	2.0	1.7	1.4	1.4
3	2.1	2.0	1.9	2.6	2.3	2.2	2.3	2.2	1.9	1.5	1.4	1.4
4	2.1	1.9	1.9	1.9	2.3	2.2	2.3	2.2	1.9	1.5	1.4	1.4
5	2.1	1.9	1.9	1.9	2.2	2.2	2.3	2.2	1.9	1.5	1.4	1.4
6	2.1	1.9	1.8	2.0	2.1	2.2	2.2	2.2	1.9	1.5	1.4	1.4
7	2.1	1.9	1.8	1.9	2.2	2.2	2.3	2.1	1.9	1.6	1.4	1.4
8	2.1	1.9	1.9	1.8	2.2	2.2	2.2	2.0	1.9	1.5	1.4	1.4
9	2.0	1.9	1.9	1.8	2.1	2.3	2.2	2.0	1.9	1.4	1.4	1.5
10	2.0	1.9	1.8	1.8	2.2	2.2	2.3	2.0	2.0	1.4	1.4	1.4
11	2.0	1.9	1.8	1.8	2.1	2.2	2.2	2.0	2.0	2.5	1.4	1.4
12	2.0	1.9	1.8	1.8	2.1	2.1	2.2	2.0	2.0	e4.8	1.4	1.4
13	2.0	1.9	1.9	1.8	2.0	2.1	2.2	2.1	1.9	2.8	1.4	1.4
14	2.0	1.9	1.8	2.0	2.0	2.9	2.2	2.1	2.0	1.8	1.4	1.4
15	2.0	1.9	1.9	2.5	2.2	2.3	2.2	2.0	2.0	e2.5	1.3	.85
16	2.0	1.9	1.8	1.9	2.3	2.2	2.2	2.0	e9.1	2.8	1.3	.27
17	2.0	1.9	1.7	1.9	2.3	2.1	2.2	2.0	3.2	1.9	1.3	.18
18	2.0	1.9	1.7	2.8	2.4	2.1	2.2	2.0	2.2	1.8	1.3	.17
19	2.0	1.9	1.8	2.0	2.4	2.2	2.2	2.0	2.2	1.7	1.3	.17
20	2.0	1.9	1.8	2.0	2.3	2.2	2.2	2.0	2.2	1.6	e6.8	.23
21	2.0	1.9	1.8	2.0	2.3	2.3	2.2	2.0	2.2	1.6	1.6	.23
22	2.0	1.9	1.8	2.0	2.2	2.2	2.2	2.0	2.1	1.6	1.5	.17
23	2.0	1.9	1.7	e5.2	2.2	2.2	2.2	2.0	1.6	1.6	1.5	.16
24	1.9	1.9	1.8	3.7	2.1	2.2	2.2	2.0	1.6	1.6	2.0	.16
25	1.9	1.9	2.0	2.2	2.1	2.9	2.2	2.0	1.6	1.5	1.7	.16
26	1.9	1.9	2.0	2.1	2.2	3.0	2.2	2.0	1.6	1.5	1.5	.16
27	1.9	1.9	2.0	2.1	2.2	2.3	2.2	2.0	1.6	1.5	1.5	.37
28	1.9	1.9	1.9	2.0	2.2	2.3	2.2	1.9	1.9	1.5	1.5	.36
29	1.9	1.9	1.8	2.0	---	2.2	2.2	2.0	2.6	1.5	1.5	.32
30	1.9	1.9	1.8	2.0	---	2.2	2.7	2.0	1.6	1.5	1.5	.19
31	1.9	---	1.8	2.0	---	2.3	---	2.0	---	1.5	1.4	---
TOTAL	62.2	57.1	57.1	67.4	64.3	70.6	67.2	63.4	66.5	56.8	50.2	23.85
MEAN	2.01	1.90	1.84	2.17	2.30	2.28	2.24	2.05	2.22	1.83	1.62	.80
MAX	2.2	2.0	2.0	5.2	4.6	3.0	2.7	2.2	9.1	4.8	6.8	1.5
MIN	1.9	1.9	1.7	1.8	2.0	2.1	2.2	1.9	1.6	1.4	1.3	.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1999, BY WATER YEAR (WY)

MEAN	2.61	2.60	2.51	2.82	2.74	2.80	2.42	2.20	2.30	2.54	2.49	2.39
MAX	3.88	3.54	3.36	5.30	5.19	6.00	4.83	4.29	4.04	4.04	3.45	3.10
(WY)	1990	1993	1995	1993	1993	1993	1998	1998	1993	1991	1991	1984
MIN	1.64	1.90	1.80	1.53	1.55	.78	.56	.96	.94	1.69	1.62	.80
(WY)	1988	1999	1987	1989	1989	1992	1992	1986	1991	1990	1999	1999

## SAVANNAH RIVER BASIN

SUMMARY STATISTICS	02197323 D-006 AT SAVANNAH RIVER SITE, SC--Continued FOR 1998 CALENDAR YEAR	FOR 1999 WATER YEAR	WATER YEARS 1984 - 1999
ANNUAL TOTAL	1141.0	706.65	
ANNUAL MEAN	3.13	1.94	2.53
HIGHEST ANNUAL MEAN			3.82
LOWEST ANNUAL MEAN			1.94
HIGHEST DAILY MEAN	18 Mar 8	9.1 Jun 16	18 Mar 8 1998
LOWEST DAILY MEAN	1.7 Dec 17	.16 * Sep 23	.16 Sep 23 1999
ANNUAL SEVEN-DAY MINIMUM	1.8 Dec 17	.18 Sep 20	.18 Sep 20 1999
INSTANTANEOUS PEAK FLOW		Unknown Aug 20	Unknown Oct 1 1989
INSTANTANEOUS PEAK STAGE		4.70 Aug 20	5.51 Jun 10 1993
10 PERCENT EXCEEDS	5.1	2.3	3.4
50 PERCENT EXCEEDS	2.4	2.0	2.4
90 PERCENT EXCEEDS	1.9	1.4	1.5

\* Also occurred Sep. 24-26.

e Estimated

