

021973011 H-002 AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°17'10'', long 81°38'01'', Aiken County, Hydrologic Unit 03060106, on right bank, upstream of culvert 20 ft east of SRS Road 4, 0.5 mi west of H area, 1.2 mi southwest of junction of SRS Roads 4 and F, at Savannah River Site.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--December 1996 to current year.

GAGE.--Data collection platform. Elevation of gage is 280 ft above sea level (from topographic map). Prior to October 1, 1999, at site 100 ft downstream at different datum.

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	.05	.08	.09	.11	.11	.08	.05	.07	.08	.08	1.6	.09
2	.06	.19	.08	.09	.11	.07	.06	.08	.06	.07	.69	.10
3	.06	.09	.08	.08	.11	.07	.07	.08	.06	.06	.16	.11
4	1.0	.09	.07	.17	.10	.23	.08	.07	.07	.06	.11	.15
5	.10	.08	.06	.09	.11	.07	.09	.07	.07	.06	.10	.10
6	.06	.08	.21	.08	.11	.07	.07	.07	.06	.10	.09	.12
7	.06	.07	.09	.09	.10	.07	.06	.05	.06	.11	.09	.09
8	.06	.08	.08	.08	.10	.06	.13	.06	.05	.06	.09	.09
9	.05	.07	.07	.09	.09	.05	.08	.06	.05	.05	.46	.09
10	.05	.08	.06	e1.1	.09	.06	.07	.07	.04	.07	.10	.08
11	.05	.09	.07	.08	.08	.21	.05	.07	.05	.06	.09	.08
12	.87	.09	.08	.08	.08	.10	.06	.06	.05	.06	.08	.08
13	.09	.09	.09	.07	.12	.09	.07	.08	.06	.06	.07	.08
14	.05	.09	.17	.09	.42	.08	.15	.07	.08	.06	.07	.08
15	.04	.09	.10	.10	.09	.07	.50	.06	.08	.06	.08	.08
16	.04	.09	.10	.10	.08	.57	.07	.07	.07	.05	.07	.06
17	.04	.10	.11	.09	.09	.09	.06	.07	.08	.04	.06	.06
18	.03	.11	.11	.10	.08	.09	.05	.07	.39	.05	.60	.46
19	.03	.10	.25	.11	.08	.08	.05	.07	.77	.05	.17	.08
20	.05	.10	.11	.14	.08	e2.6	.04	.06	.69	.05	.08	.89
21	.04	.08	.19	.10	.09	.09	.05	.08	.23	.05	.06	.11
22	.04	.07	.12	.09	.09	.08	.05	.08	e1.4	.06	.06	e4.6
23	.04	.07	.11	1.2	.08	.07	.07	.06	.13	.95	.07	e.48
24	.05	.09	.12	2.4	.07	.06	.09	.07	.09	.11	.08	e.07
25	.05	.08	.14	.22	.08	.05	.10	.06	.08	.07	.66	e1.1
26	.05	.26	.13	.13	.07	.05	.08	e1.0	.09	.07	.10	e.13
27	.04	.07	.12	.11	.14	.15	.08	.12	.10	.08	.10	e.09
28	.04	.07	.12	.11	.08	.07	.24	.10	.05	.09	.09	e.09
29	.04	.07	.13	.64	.08	.07	.08	.09	1.2	.08	.08	e.08
30	.05	.08	.12	.82	---	.19	.07	.09	.23	.08	.09	e.08
31	.07	---	.11	.14	---	.07	---	.09	---	.07	.09	---
TOTAL	3.35	2.80	3.49	8.90	3.01	5.76	2.77	3.20	6.52	2.97	6.34	9.80
MEAN	.11	.093	.11	.29	.10	.19	.092	.10	.22	.096	.20	.33
MAX	1.0	.26	.25	2.4	.42	2.6	.50	1.0	1.4	.95	1.6	4.6
MIN	.03	.07	.06	.07	.07	.05	.04	.05	.04	.04	.06	.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2000, BY WATER YEAR (WY)

	1997	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998
MEAN	.11	.11	.17	.19	.26	.23	.20	.12	.20	.17	.14	.20
MAX	.16	.14	.27	.29	.56	.47	.42	.23	.29	.27	.23	.33
(WY)	1998	1998	1998	2000	1998	1998	1998	1998	1998	1998	1998	2000
MIN	.063	.093	.11	.071	.10	.13	.092	.055	.13	.066	.035	.076
(WY)	1999	2000	2000	1998	2000	1997	2000	1999	1997	1997	1997	1997

SAVANNAH RIVER BASIN

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR	WATER YEARS 1997 - 2000
ANNUAL TOTAL	49.81	58.91	
ANNUAL MEAN	.14	.16	.19
HIGHEST ANNUAL MEAN			.28 1998
LOWEST ANNUAL MEAN			.13 1999
HIGHEST DAILY MEAN	1.8 Feb 1	e 4.6 Sep 22	e 4.6 Sep 22 2000
LOWEST DAILY MEAN	.03 a Mar 3	.03 b Oct 18	.02 c Oct 3 1998
ANNUAL SEVEN-DAY MINIMUM	.04 Oct 15	.04 Oct 15	.03 Jul 17 1997
INSTANTANEOUS PEAK FLOW		Unknown Sep 22	Unknown Sep 22 2000
INSTANTANEOUS PEAK STAGE		8.54 Sep 22	8.54 Sep 22 2000
10 PERCENT EXCEEDS	.21	.21	.34
50 PERCENT EXCEEDS	.08	.08	.09
90 PERCENT EXCEEDS	.04	.05	.04

a Also occurred Oct. 12, 17.
 b Also occurred Oct. 19.
 c Also occurred many days in 1997-1998.

e Estimated

