

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 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	.14	.24	.13	.18	.40	.18	.18	.13	.05	.08	1.2	.03
2	.13	.32	.13	.18	.37	.18	.18	.13	.05	.06	.49	.04
3	.13	.18	.13	.18	.34	.18	.18	.10	.04	.04	.17	.55
4	.76	.12	.13	.23	.34	.37	.17	.08	.14	.02	.15	.12
5	.27	.11	.13	.16	.34	.19	.14	.08	.03	.02	.10	.08
6	.18	.11	.16	.13	.34	.18	.15	.08	.02	.08	.08	.07
7	.14	.11	.13	.16	.34	.18	.13	.08	.02	.56	.18	.21
8	.13	.09	.13	.13	.34	.18	.20	.08	.02	.10	.05	.17
9	.13	.08	.13	.13	.34	.18	.15	.08	.02	.05	.05	.09
10	.13	.09	.13	1.5	.33	.18	.13	.08	.02	.07	.06	.09
11	.13	.14	.13	.19	.29	.25	.12	.08	.02	.05	.06	.09
12	.89	.11	.13	.13	.29	.21	.13	.08	.02	.05	.07	.01
13	.47	.08	.13	.13	.30	.18	.13	.08	.02	.05	.05	.01
14	.27	.08	.17	.13	.40	.18	.24	.08	.03	.05	.05	.02
15	.24	.08	.13	.13	.24	.18	.57	.08	.02	.05	.06	.02
16	.24	.08	.13	.13	.24	.53	.21	.08	.04	.05	.07	.01
17	.24	.08	.13	.13	.24	.38	.16	.08	.04	.05	.05	.01
18	.24	.09	.13	.16	.24	.18	.13	.08	.10	.04	.05	.13
19	.24	.13	.29	.15	.24	.18	.15	.08	.41	.04	.21	.04
20	.24	.13	.18	.26	.24	e2.5	.13	.08	.06	.05	.05	.44
21	.24	.13	.21	.18	.24	.31	.13	.08	.12	.08	.05	.03
22	.24	.15	.18	.18	.24	.22	.14	.08	.95	.21	.05	e2.4
23	.24	.13	.18	1.0	.24	.19	.13	.08	.14	e.73	.06	e3.7
24	.24	.14	.18	2.5	.24	.18	.14	.08	.05	.18	.07	.23
25	.24	.20	.18	.54	.19	.17	.13	.06	.02	.08	.67	.19
26	.24	.16	.18	.36	.18	.18	.13	.07	.02	.07	.04	.21
27	.24	.13	.18	.32	.23	.20	.13	.06	.01	.05	.04	.08
28	.24	.13	.18	.29	.19	.18	.17	.05	.01	.06	.02	.07
29	.24	.13	.18	.64	.18	.18	.13	.05	e1.1	.08	.02	.07
30	.24	.13	.18	1.1	---	.27	.13	.05	.32	.08	.02	.05
31	.24	---	.18	.48	---	.21	---	.05	---	.32	.02	---
TOTAL	7.98	3.88	4.89	12.11	8.13	9.06	4.94	2.43	3.91	3.50	4.31	9.26
MEAN	.26	.13	.16	.39	.28	.29	.16	.078	.13	.11	.14	.31
MAX	.89	.32	.29	2.5	.40	2.5	.57	.13	1.1	.73	1.2	3.7
MIN	.13	.08	.13	.13	.18	.17	.12	.05	.01	.02	.02	.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2000, BY WATER YEAR (WY)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
MEAN	2.47	2.44	2.36	2.67	2.58	2.64	2.28	2.07	2.17	2.40	2.35	2.27					
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	.26	.13	.16	.39	.28	.29	.16	.078	.13	.11	.14	.31					
(WY)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000					

SAVANNAH RIVER BASIN

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR	WATER YEARS 1984 - 2000	
ANNUAL TOTAL	547.00	74.40		
ANNUAL MEAN	1.50	.20	2.39	
HIGHEST ANNUAL MEAN			3.82	1993
LOWEST ANNUAL MEAN			.20	2000
HIGHEST DAILY MEAN	9.1 Jun 16	3.7 Sep 23	18	Mar 8 1998
LOWEST DAILY MEAN	.08 Nov 9	.01 a Jun 27	.01 a	Jun 27 2000
ANNUAL SEVEN-DAY MINIMUM	.09 Nov 12	.02 Jun 6	.02	Jun 6 2000
INSTANTANEOUS PEAK FLOW		Unknown Sep 22	Unknown	Sep 22 2000
INSTANTANEOUS PEAK STAGE		5.62 Sep 22	5.62	Sep 22 2000
10 PERCENT EXCEEDS	2.3	.34	3.3	
50 PERCENT EXCEEDS	1.8	.13	2.4	
90 PERCENT EXCEEDS	.13	.04	1.1	

a Also occurred Jun. 28, Sep. 12, 13, 16, 17.

e Estimated

