

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 NGVD of 1929 (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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.03	0.03	0.14	0.26	0.09	0.66	0.38	0.60	0.67	e2.5	0.97	0.38
2	0.03	0.03	0.17	0.24	0.11	1.2	0.35	0.75	0.64	3.0	0.89	0.32
3	0.03	0.03	0.16	0.21	0.11	0.32	0.35	0.78	0.65	3.5	1.2	0.30
4	0.03	0.04	0.13	0.18	0.14	0.26	0.31	0.65	0.65	4.6	1.0	0.31
5	0.03	0.07	0.22	0.18	0.07	0.26	0.34	0.61	0.62	1.7	0.84	0.37
6	0.03	0.11	0.13	0.16	0.14	0.57	0.34	0.86	e3.8	1.5	0.85	0.44
7	0.03	0.05	0.13	0.13	0.33	0.92	e4.1	0.70	e4.2	1.5	e1.9	0.29
8	0.14	0.05	0.13	0.13	0.09	0.39	1.2	0.61	6.2	1.4	1.6	0.30
9	0.03	0.05	0.15	0.13	0.08	0.33	2.6	0.57	2.4	1.1	1.0	0.26
10	0.03	0.05	0.09	0.13	0.27	0.30	2.9	0.62	1.5	1.1	1.0	0.23
11	0.07	1.2	0.19	0.13	0.09	0.28	0.74	0.52	2.3	1.3	0.89	0.20
12	0.03	0.77	0.09	0.13	0.10	0.24	0.46	0.52	1.7	1.2	0.80	0.18
13	0.14	0.18	2.2	0.14	0.08	0.34	0.34	0.40	2.3	1.3	0.75	0.18
14	0.03	0.08	0.25	0.12	0.06	0.27	0.41	0.46	2.1	0.97	0.65	0.18
15	0.20	0.11	0.19	0.10	0.05	2.2	0.41	0.89	1.8	0.97	0.63	0.18
16	0.17	1.1	0.18	0.12	e2.4	0.47	0.40	0.75	1.5	0.98	0.69	0.17
17	0.03	0.43	0.15	0.10	0.84	1.8	0.35	1.3	1.3	0.91	0.62	0.13
18	0.03	0.35	0.17	0.07	0.22	0.73	0.60	e2.1	e2.4	0.83	0.57	0.13
19	0.01	0.28	0.19	0.07	0.16	0.49	0.44	1.4	2.0	0.90	0.75	0.12
20	0.01	0.13	0.37	0.18	0.13	e3.3	0.43	0.78	1.4	0.90	0.63	0.10
21	0.05	0.13	0.18	0.06	0.16	0.81	0.40	0.71	1.2	0.85	0.59	0.10
22	0.01	0.13	0.18	0.35	e1.5	0.58	0.40	e3.9	1.1	e2.8	0.55	0.46
23	0.06	0.13	0.18	0.10	0.30	0.51	0.52	2.7	1.0	2.3	0.53	0.55
24	0.03	0.13	2.0	0.08	0.26	0.49	0.40	1.3	0.97	1.5	0.68	0.41
25	0.04	0.13	0.32	0.06	0.20	0.47	e2.7	0.96	0.91	1.1	0.49	0.39
26	0.03	0.13	0.25	0.05	0.21	0.45	0.88	0.88	0.91	2.1	0.41	0.37
27	0.03	0.13	0.25	0.05	0.68	0.46	0.65	0.82	0.82	1.8	0.40	0.35
28	0.59	0.13	0.23	0.05	0.28	0.43	0.59	0.83	1.1	1.5	0.34	0.32
29	0.14	0.13	0.23	0.04	---	0.42	0.59	0.75	1.1	1.2	0.31	0.31
30	0.05	0.13	0.18	0.66	---	0.50	0.58	0.74	0.96	0.98	0.30	0.29
31	0.05	---	0.20	0.10	---	0.38	---	0.67	---	0.99	0.25	---
TOTAL	2.21	6.44	9.63	4.51	9.15	20.83	25.16	30.13	50.20	49.28	23.08	8.32
MEAN	0.071	0.21	0.31	0.15	0.33	0.67	0.84	0.97	1.67	1.59	0.74	0.28
MAX	0.59	1.2	2.2	0.66	2.4	3.3	4.1	3.9	6.2	4.6	1.9	0.55
MIN	0.01	0.03	0.09	0.04	0.05	0.24	0.31	0.40	0.62	0.83	0.25	0.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2003, BY WATER YEAR (WY)

	2.09	2.09	2.01	2.27	2.21	2.30	2.00	1.80	1.95	2.13	2.04	1.95
MEAN	2.09	2.09	2.01	2.27	2.21	2.30	2.00	1.80	1.95	2.13	2.04	1.95
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	0.071	0.13	0.063	0.061	0.11	0.15	0.16	0.076	0.055	0.075	0.055	0.056
(WY)	2003	2000	2002	2002	2002	2002	2000	2002	2002	2001	2001	2002

SAVANNAH RIVER BASIN

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 1984 - 2003	
ANNUAL TOTAL	47.65	238.94		
ANNUAL MEAN	0.13	0.65	2.06	
HIGHEST ANNUAL MEAN			3.82	1993
LOWEST ANNUAL MEAN			0.11	2002
HIGHEST DAILY MEAN	2.2 Dec 13	6.2 Jun 8	e 18	Mar 8 1998
LOWEST DAILY MEAN	0.00 May 25	0.01 Oct 19	0.00	a Jan 10 2001
ANNUAL SEVEN-DAY MINIMUM	0.00 May 25	0.03 Oct 17	0.00	Aug 2 2001
MAXIMUM PEAK FLOW		Unknown Jun 6	Unknown	Sep 22 2000
MAXIMUM PEAK STAGE		4.32 Jun 6	5.62	Sep 22 2000
10 PERCENT EXCEEDS	0.28	1.5	3.2	
50 PERCENT EXCEEDS	0.05	0.37	2.2	
90 PERCENT EXCEEDS	0.01	0.06	0.13	

a Also occurred several days in May and June, 2002.

e Estimated

