

SAVANNAH RIVER BASIN

021973515 STEEL CREEK ABOVE ROAD B AT SAVANNAH RIVER SITE, SC

LOCATION.--Lat 33°12'58'', long 81°36'13'', Barnwell County, Hydrologic Unit 03060106, at right bank, 0.5 mi east of SRS Road C, and 0.8 mi upstream of SRS Road B, at Savannah River Site.

PERIOD OF RECORD.--April 1986 to current year.

GAGE.--Data collection platform. Elevation of gage is 208 ft above sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow completely regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.80	.89	.95	.77	30	.92	1.2	1.1	1.0	1.0	.90	.94
2	.80	.89	.95	.77	30	.89	1.1	1.1	1.0	.99	.91	.87
3	.79	.88	.95	.77	30	1.6	1.2	1.1	1.1	2.9	.90	.90
4	.80	.88	.95	.77	30	3.6	1.2	1.1	1.1	1.9	.91	.94
5	.79	.88	.95	13	30	1.2	1.2	1.1	1.1	1.2	.92	.87
6	.81	.89	.95	31	30	1.1	1.2	1.1	1.0	1.1	.91	.86
7	.80	.91	.95	30	19	1.0	1.2	1.1	1.0	1.1	.90	.85
8	.77	.87	.95	30	1.3	1.0	1.2	1.1	1.1	1.1	.89	.84
9	.79	.95	.96	30	1.2	1.0	1.2	1.1	1.0	1.1	.89	.88
10	.80	1.0	1.0	30	1.1	1.0	1.2	1.1	1.0	1.1	.88	.88
11	.79	1.1	.90	31	1.1	1.0	1.2	1.1	1.0	1.1	.91	.92
12	.77	1.1	.89	32	1.1	1.1	1.2	1.2	1.2	1.6	.90	.89
13	.78	1.1	.89	32	1.1	1.1	1.2	1.1	2.4	1.1	1.1	.86
14	.76	1.2	.89	32	e1.0	1.0	1.2	1.1	1.3	.94	1.4	.86
15	.76	1.1	.89	33	e1.0	3.0	1.2	1.1	1.1	.92	.98	.85
16	.75	1.1	.89	33	e1.0	1.2	1.2	1.0	1.1	.91	.93	.85
17	.74	1.1	1.0	33	e1.0	1.1	1.1	1.0	1.1	.89	.92	.85
18	.74	1.1	.90	32	e.96	1.0	1.2	1.0	1.0	.88	1.0	.85
19	.73	1.6	.89	32	e.95	1.0	1.2	1.0	1.0	.89	1.1	.85
20	.75	1.1	.89	32	e.95	1.8	1.2	1.1	.99	.92	.99	.87
21	.77	.95	.89	31	e.95	1.3	1.2	1.1	1.0	.90	.93	.81
22	.77	.95	.88	30	e1.8	1.2	1.2	1.1	1.0	.87	.91	.80
23	.77	.95	.82	30	e1.0	1.1	1.1	1.1	.99	.97	.91	.82
24	.77	.93	.83	30	e.96	1.1	1.1	1.0	.98	.94	.90	.95
25	.80	2.2	.80	30	e1.1	1.1	1.2	1.0	1.0	.93	.90	.86
26	.80	1.1	.77	30	e1.0	1.1	1.1	1.0	.99	.97	.89	.85
27	.81	.95	.79	30	e.96	1.1	1.1	1.0	2.4	.98	.89	.81
28	.81	.94	.96	30	.95	1.1	1.1	1.1	1.3	1.0	.89	.81
29	.83	.93	1.1	30	---	1.6	1.1	2.2	1.1	.97	.90	.81
30	.87	.93	.79	30	---	1.3	1.1	1.1	1.0	.92	.92	.81
31	.87	---	.77	30	---	1.2	---	1.0	---	.92	.85	---
TOTAL	24.39	31.47	27.99	820.08	221.48	39.81	35.1	34.4	34.35	34.01	29.13	25.81
MEAN	.79	1.05	.90	26.5	7.91	1.28	1.17	1.11	1.14	1.10	.94	.86
MAX	.87	2.2	1.1	33	30	3.6	1.2	2.2	2.4	2.9	1.4	.95
MIN	.73	.87	.77	.77	.95	.89	1.1	1.0	.98	.87	.85	.80

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2001, BY WATER YEAR (WY)

MEAN	3.65	2.56	2.97	6.18	7.17	10.6	12.4	3.43	6.22	11.9	8.57	6.91
MAX	10.0	10.0	10.1	26.5	42.5	66.1	64.0	10.1	28.9	109	97.8	62.1
(WY)	1992	1997	1997	2001	1993	1993	1991	1996	1991	1991	1991	1988
MIN	.79	1.05	.90	.97	.96	.95	.97	1.01	.94	.92	.85	.86
(WY)	2001	2001	2001	1989	1989	1989	1989	1989	1989	2000	2000	2001

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SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1986 - 2001
ANNUAL TOTAL	397.13	1358.02	6.88
ANNUAL MEAN	1.09	3.72	30.0
HIGHEST ANNUAL MEAN			1991
LOWEST ANNUAL MEAN			1.04
HIGHEST DAILY MEAN	e 10 Sep 23	33 a Jan 15	e 220 Aug 2 1991
LOWEST DAILY MEAN	.69 Sep 16	.73 Oct 19	.50 Jun 7 1992
ANNUAL SEVEN-DAY MINIMUM	.71 Sep 11	.75 Oct 14	.71 Sep 11 2000
MAXIMUM PEAK FLOW		37 Jan 19	Unknown Aug 2 1991
MAXIMUM PEAK STAGE		1.54 Jan 19	5.57 Aug 2 1991
10 PERCENT EXCEEDS	1.4	2.9	11
50 PERCENT EXCEEDS	.95	1.0	1.8
90 PERCENT EXCEEDS	.76	.81	1.0

a Also occurred Jan. 16, 17.

e Estimated

