

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 September 2002 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 208 ft above NGVD of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records good. Flow completely regulated by Savannah River Site operations.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.83	0.93	1.0	0.83	0.95	0.77	0.75	0.68	0.54	0.53	0.53	0.87
2	0.83	1.0	1.0	0.89	0.95	1.1	0.74	0.69	0.52	0.50	0.46	0.61
3	0.81	1.0	1.0	0.92	0.95	0.90	0.72	0.71	0.51	0.55	0.46	0.53
4	0.82	1.0	1.0	0.94	0.95	0.78	0.72	0.75	0.52	0.51	0.45	0.50
5	0.83	1.0	0.99	0.89	0.95	0.77	0.72	0.75	0.51	0.49	0.45	0.50
6	0.85	1.0	0.92	1.0	1.1	0.72	0.72	0.69	0.52	0.49	0.44	0.50
7	0.85	1.0	0.89	0.95	2.4	0.73	0.71	0.65	0.56	0.50	0.40	0.53
8	0.84	1.1	0.88	0.90	0.90	0.72	0.70	0.64	0.54	0.50	0.40	0.53
9	0.81	1.1	0.87	0.89	0.80	0.72	0.72	0.64	0.56	0.54	0.38	0.53
10	0.83	1.1	0.89	0.89	0.77	0.72	0.94	0.62	0.54	0.54	0.36	0.51
11	0.81	1.1	0.89	0.89	0.72	0.72	0.75	0.61	0.53	0.68	0.36	0.50
12	0.83	1.1	0.89	1.0	0.72	0.79	0.77	0.59	0.52	0.66	0.36	0.51
13	0.82	1.2	0.89	1.2	0.72	1.3	0.75	0.61	0.51	0.71	0.36	0.55
14	0.92	1.2	0.89	0.95	0.72	0.81	0.72	0.61	0.54	0.63	0.38	0.70
15	0.86	1.2	0.88	0.90	0.72	0.77	0.70	0.56	0.56	0.58	0.37	0.82
16	0.86	1.2	0.88	0.89	0.72	0.77	0.69	0.56	0.52	0.55	0.37	0.77
17	0.86	1.2	0.88	0.89	0.72	0.76	0.69	0.57	0.51	0.53	0.41	0.60
18	0.81	1.1	0.87	0.89	0.72	0.77	0.73	0.65	0.62	0.53	0.41	0.70
19	0.80	1.1	0.84	0.90	0.72	0.74	0.69	0.59	0.56	0.51	0.44	0.79
20	0.80	1.1	0.83	0.93	0.74	0.75	0.67	0.59	0.54	0.50	0.41	0.73
21	0.80	1.1	0.83	0.91	0.77	0.84	0.65	0.58	0.54	0.69	0.39	0.67
22	0.80	1.0	0.82	0.89	0.77	0.74	0.64	0.57	0.57	1.1	0.39	0.64
23	0.81	1.1	0.83	0.89	0.77	0.73	0.62	0.57	0.60	0.80	0.37	0.66
24	0.81	1.2	0.80	0.89	0.77	0.72	0.63	0.55	0.58	0.61	0.36	0.73
25	0.83	1.1	0.77	0.93	0.77	0.72	0.65	0.54	0.59	0.58	0.46	0.67
26	0.87	1.1	0.78	0.92	0.77	0.74	0.61	0.55	0.58	0.59	0.43	0.74
27	0.92	1.1	0.79	0.89	0.77	0.75	0.65	0.54	0.55	0.55	0.79	0.73
28	0.95	1.1	0.82	0.89	0.77	0.72	0.65	0.54	0.52	0.52	0.83	0.69
29	0.93	1.1	0.82	0.94	---	0.72	0.64	0.54	0.52	0.52	0.63	0.74
30	0.93	1.1	0.82	0.95	---	0.76	0.64	0.54	0.53	0.51	0.60	0.73
31	0.93	---	0.83	0.95	---	0.72	---	0.59	---	0.49	0.57	---
TOTAL	26.25	32.73	27.09	28.59	24.10	24.27	20.98	18.87	16.31	17.99	14.02	19.28
MEAN	0.85	1.09	0.87	0.92	0.86	0.78	0.70	0.61	0.54	0.58	0.45	0.64
MAX	0.95	1.2	1.0	1.2	2.4	1.3	0.94	0.75	0.62	1.1	0.83	0.87
MTN	0.80	0.93	0.77	0.83	0.72	0.72	0.61	0.54	0.51	0.49	0.36	0.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2002, BY WATER YEAR (WY)

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SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1986 - 2002
ANNUAL TOTAL	1360.24	270.48	
ANNUAL MEAN	3.73	0.74	
HIGHEST ANNUAL MEAN			6.50
LOWEST ANNUAL MEAN			30.0
HIGHEST DAILY MEAN	33 a Jan 15	2.4 Feb 7	0.74
LOWEST DAILY MEAN	0.77 Jan 1	0.36 b Aug 10	220 Aug 2 1991
ANNUAL SEVEN-DAY MINIMUM	0.80 Dec 24	0.37 Aug 10	0.36 b Aug 10 2002
MAXIMUM PEAK FLOW		8.1 Feb 7	0.37 Aug 10 2002
MAXIMUM PEAK STAGE		0.86 Feb 7	0.00 Aug 2 1991
10 PERCENT EXCEEDS	2.9	1.0	5.57 Aug 2 1991
50 PERCENT EXCEEDS	1.0	0.73	11
90 PERCENT EXCEEDS	0.83	0.51	1.7
			0.90

a Also occurred Jan. 16, 17.

b Also occurred Aug. 11-13, 24.

