

SAVANNAH RIVER BASIN

02197415 LOWER THREE RUNS NEAR MARTIN, SC

LOCATION.--Lat 33°04'24'', long 81°28' 37'', Allendale County, Hydrologic Unit 03060106, on right bank 50 ft upstream side of State road 125, 1.3 mi downstream of Davis Branch, 1.4 mi upstream of Mill Creek.

DRAINAGE AREA.--110 mi².

PERIOD OF RECORD.--December 1997 to September 2002 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 90 ft (revised) above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for daily discharges May 8 to June 28, which are poor. Flow 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	46	56	67	57	67	64	90	58	40	41	30	55
2	45	62	64	58	64	78	79	56	39	38	36	66
3	44	71	63	76	62	134	71	55	38	92	31	58
4	44	67	63	87	62	132	68	64	51	75	29	48
5	43	62	63	88	62	90	65	69	47	50	29	43
6	46	61	64	89	66	77	62	69	43	44	28	40
7	50	60	63	97	153	76	60	59	45	45	27	37
8	47	62	62	82	198	70	60	50	45	44	26	35
9	45	62	63	72	165	68	59	47	41	40	25	34
10	45	62	62	70	93	76	65	48	39	38	25	34
11	46	62	68	71	81	72	83	47	37	36	25	32
12	46	62	68	70	77	70	73	47	37	63	25	32
13	47	62	67	111	83	110	68	46	36	67	25	33
14	48	62	69	117	74	104	67	63	36	53	26	34
15	50	63	68	90	68	82	61	62	39	47	31	44
16	49	64	63	79	66	74	58	52	37	42	32	53
17	47	65	61	72	65	70	57	47	36	39	31	49
18	48	63	67	70	63	68	56	51	37	36	35	47
19	49	63	66	68	62	69	57	67	39	35	44	58
20	50	64	62	75	63	78	56	57	37	33	78	57
21	51	63	61	82	67	80	51	51	37	33	61	53
22	51	63	61	80	65	92	48	49	38	80	44	48
23	51	64	60	90	63	78	60	47	44	99	38	43
24	52	81	60	75	61	72	62	45	50	60	34	45
25	51	86	59	76	61	70	63	44	65	46	32	49
26	51	80	58	78	62	72	72	42	69	40	42	54
27	51	76	58	71	66	89	61	41	70	39	46	73
28	52	70	58	69	67	84	64	40	55	35	55	65
29	53	69	59	70	---	73	61	40	47	33	73	52
30	54	66	59	68	---	80	57	40	43	31	58	46
31	55	---	57	67	---	100	---	40	---	29	54	---
TOTAL	1507	1973	1943	2425	2206	2552	1914	1593	1317	1483	1175	1417
MEAN	48.6	65.8	62.7	78.2	78.8	82.3	63.8	51.4	43.9	47.8	37.9	47.2
MAX	55	86	69	117	198	134	90	69	70	99	78	73
MIN	43	56	57	57	61	64	48	40	36	29	25	32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2002, BY WATER YEAR (WY)

MEAN	68.1	82.8	92.9	164	178	198	145	87.2	77.7	82.4	57.7	82.1
MAX	92.6	99.4	118	367	453	523	406	195	127	147	92.7	134
(WY)	1999	1999	1999	1998	1998	1998	1998	1998	1998	1999	1998	1998
MIN	44.9	65.8	62.7	78.2	78.8	82.3	63.8	47.5	42.5	45.9	37.9	47.2
(WY)	2001	2002	2002	2002	2002	2002	2002	2000	2000	2000	2002	2002

02197415 LOWER THREE RUNS NEAR MARTIN, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1998 - 2002
ANNUAL TOTAL	28232	21505	82.2
ANNUAL MEAN	77.3	58.9	110 1999 58.9 2002
HIGHEST ANNUAL MEAN			
LOWEST ANNUAL MEAN			
HIGHEST DAILY MEAN	356	Mar 5	198 Feb 8
LOWEST DAILY MEAN	43	Aug 29	25 a Aug 9
ANNUAL SEVEN-DAY MINIMUM	45	Sep 30	25 Aug 8
MAXIMUM PEAK FLOW			209 b Feb 8
MAXIMUM PEAK STAGE			4.71 b Feb 8
10 PERCENT EXCEEDS	110		80 130
50 PERCENT EXCEEDS	64		60 70
90 PERCENT EXCEEDS	49		36 43

a Also occurred Aug. 10-13.

b Also occurred Feb. 9.

