

SAVANNAH RIVER BASIN

574

02186699 EIGHTEENMILE CREEK ABOVE PENDLETON, SC

LOCATION.--Lat 34°39'32'', long 82°47'56'', Anderson County, Hydrologic Unit 03060101, on downstream side of bridge on County Road 229, 1.0 mi northwest of Pendleton, and 1.5 mi southeast of Clemson.

DRAINAGE AREA.--47.0 mi².

PERIOD OF RECORD.--May 1998 to current year.

GAGE.--Data collection platform. Elevation of gage is 700 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	e57	56	46	59	55	60	47	36	98	e51	22
2	47	e55	52	48	61	59	57	57	30	69	52	96
3	49	53	53	48	105	61	55	51	29	165	59	47
4	e49	53	64	44	70	59	52	38	35	71	47	28
5	e47	56	72	57	65	58	48	39	38	e75	44	25
6	47	74	60	61	469	62	48	41	34	e51	44	25
7	49	63	59	47	247	59	49	39	30	46	41	733
8	91	e58	59	48	93	54	50	37	43	43	40	2280
9	84	e55	60	53	79	53	50	41	45	69	40	220
10	60	52	219	52	70	54	49	38	37	44	40	95
11	59	52	157	49	62	55	50	36	32	42	39	67
12	e58	53	91	48	94	58	52	39	30	55	124	e58
13	57	53	74	46	76	58	90	47	32	74	71	50
14	58	53	171	45	71	55	59	43	46	66	42	47
15	57	e53	88	47	103	56	44	38	71	39	36	43
16	56	e53	63	48	100	61	42	35	e65	39	34	44
17	56	61	72	49	74	59	47	33	e42	39	33	389
18	57	59	58	56	75	58	41	31	e42	62	49	109
19	58	337	54	53	72	56	41	37	38	52	31	72
20	57	121	53	50	66	54	37	36	34	40	28	60
21	58	91	49	49	65	60	37	31	37	38	31	54
22	57	76	50	48	62	49	36	30	39	38	29	50
23	58	56	52	50	61	48	35	30	51	38	31	46
24	58	66	57	52	63	50	35	29	67	36	28	44
25	e58	64	50	71	63	52	35	27	60	52	29	42
26	e60	58	48	73	65	53	36	e26	186	40	27	27
27	126	e58	47	61	69	50	37	e26	51	104	25	90
28	66	e77	48	63	63	49	33	25	46	204	23	663
29	65	70	47	60	55	49	33	25	42	72	23	109
30	61	56	52	63	---	65	36	67	129	e57	27	72
31	61	---	47	62	---	71	---	55	---	e66	24	---
TOTAL	1870	2143	2182	1647	2677	1740	1374	1174	1497	1984	1242	5707
MEAN	60.3	71.4	70.4	53.1	92.3	56.1	45.8	37.9	49.9	64.0	40.1	190
MAX	126	337	219	73	469	71	90	67	186	204	124	2280
MIN	46	52	47	44	55	48	33	25	29	36	23	22
CFSM	1.28	1.52	1.50	1.13	1.96	1.19	0.97	0.81	1.06	1.36	0.85	4.05
IN.	1.48	1.70	1.73	1.30	2.12	1.38	1.09	0.93	1.18	1.57	0.98	4.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

	1998	1999	2000	2001	2002	2003	2004
MEAN	42.9	45.3	65.8	59.0	72.9	88.9	58.5
MAX	60.3	71.4	131	82.9	113	210	94.6
(WY)	2004	2004	2003	1999	2003	2003	2003
MIN	17.3	21.1	36.1	51.4	39.2	55.4	41.4
(WY)	2001	2002	2002	2003	2001	1999	2002

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1998 - 2004	
ANNUAL TOTAL	37446		25237		57.3	
ANNUAL MEAN	103		69.0		107	
HIGHEST ANNUAL MEAN					36.1	
LOWEST ANNUAL MEAN					2980	
HIGHEST DAILY MEAN	2980	Mar 20	2280	Sep 8	2980	Mar 20 2003
LOWEST DAILY MEAN	41	Jan 24	22	Sep 1	3.3	Aug 8 2002
ANNUAL SEVEN-DAY MINIMUM	43	Jan 11	24	Aug 26	3.6	Aug 8 2002
MAXIMUM PEAK FLOW			2770		3470	
MAXIMUM PEAK STAGE			9.58		10.68	
ANNUAL RUNOFF (CFSM)	2.18		1.47		1.22	
ANNUAL RUNOFF (INCHES)	29.64		19.97		16.58	
10 PERCENT EXCEEDS	129		80		87	
50 PERCENT EXCEEDS	70		53		42	
90 PERCENT EXCEEDS	47		33		19	

e Estimated

