

SAVANNAH RIVER BASIN

599

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	31	42	85	54	121	68	80	e66	e170	101	e65
2	28	29	42	64	52	105	66	78	66	e700	e120	e63
3	25	29	42	79	51	95	65	76	137	e186	e100	e61
4	24	30	49	58	68	77	64	e76	127	e100	e84	e60
5	24	66	391	55	57	73	e70	111	84	e95	e84	e60
6	23	154	123	52	57	456	85	281	77	e90	e64	e59
7	22	60	85	45	103	155	157	236	114	91	93	58
8	20	48	72	47	69	105	122	136	e97	90	70	55
9	19	45	65	49	61	81	127	112	79	79	62	54
10	22	45	83	48	70	72	179	e98	73	77	e74	49
11	22	122	397	44	59	66	136	93	72	85	71	45
12	21	116	124	e42	58	63	e110	87	76	e90	67	45
13	35	84	327	42	58	61	103	81	113	e85	67	45
14	34	63	198	43	60	60	93	80	e82	113	64	47
15	238	56	101	43	65	68	87	83	e81	96	63	50
16	611	155	80	44	146	89	87	81	e80	83	e90	46
17	102	144	70	46	166	73	85	134	86	77	e88	45
18	60	81	64	e47	96	81	101	e95	172	e70	87	44
19	e50	68	63	e47	82	190	e85	94	2040	e70	92	43
20	e42	65	278	45	76	2980	e80	89	202	e70	71	44
21	30	64	101	44	72	483	97	103	125	70	68	45
22	26	58	74	47	417	154	111	1330	e104	85	79	97
23	23	53	54	43	175	e120	80	448	83	103	e85	191
24	23	51	542	41	106	e100	76	184	76	80	e65	59
25	22	49	193	44	89	e87	87	e140	72	75	59	50
26	25	48	98	45	89	e86	e92	101	69	e68	58	51
27	22	46	75	44	483	e85	72	89	68	e66	58	51
28	28	46	55	44	216	84	75	82	69	69	57	91
29	52	45	59	54	---	e81	76	76	e69	75	58	51
30	46	45	57	98	---	e87	102	74	e68	88	57	47
31	36	---	56	64	---	74	---	74	---	131	e70	---
TOTAL	1786	1996	4060	1593	3155	6512	2838	4902	4727	3427	2326	1771
MEAN	57.6	66.5	131	51.4	113	210	94.6	158	158	111	75.0	59.0
MAX	611	155	542	98	483	2980	179	1330	2040	700	120	191
MIN	19	29	42	41	51	60	64	74	66	66	57	43
CFSM	1.23	1.42	2.79	1.09	2.40	4.47	2.01	3.36	3.35	2.35	1.60	1.26
IN.	1.41	1.58	3.21	1.26	2.50	5.15	2.25	3.88	3.74	2.71	1.84	1.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2003, BY WATER YEAR (WY)

	1998	1999	2000	2001	2002	2003	1998	1999	2000	2001	2002	2003
MEAN	39.4	40.1	64.9	60.2	68.9	95.4	61.1	62.5	56.4	42.0	33.5	38.2
MAX	57.6	66.5	131	82.9	113	210	94.6	158	158	111	75.0	59.0
(WY)	2003	2003	2003	1999	2003	2003	2003	2003	2003	2003	2003	2003
MIN	17.3	21.1	36.1	51.4	39.2	55.4	41.4	31.0	23.5	13.2	16.2	24.7
(WY)	2001	2002	2002	2003	2001	1999	2002	2001	2002	2002	2002	2001

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1998 - 2003	
ANNUAL TOTAL	18683.4		39093		55.0	
ANNUAL MEAN	51.2		107		107	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					36.1	
HIGHEST DAILY MEAN	611	Oct 16	2980	Mar 20	2980	Mar 20 2003
LOWEST DAILY MEAN	3.3	Aug 8	19	Oct 9	3.3	Aug 8 2002
ANNUAL SEVEN-DAY MINIMUM	3.6	Aug 8	21	Oct 6	3.6	Aug 8 2002
MAXIMUM PEAK FLOW			3470	Mar 20	3470	Mar 20 2003
MAXIMUM PEAK STAGE			10.68	Mar 20	10.68	Mar 20 2003
ANNUAL RUNOFF (CFSM)	1.09		2.28		1.17	
ANNUAL RUNOFF (INCHES)	14.79		30.94		15.91	
10 PERCENT EXCEEDS	88		149		87	
50 PERCENT EXCEEDS	35		73		39	
90 PERCENT EXCEEDS	12		43		18	

e Estimated

