

SAVANNAH RIVER BASIN

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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	43	79	58	67	107	155	86	117	59	73	39
2	54	45	68	58	66	84	122	72	187	57	64	38
3	55	54	63	57	178	77	93	70	85	59	60	37
4	52	163	63	56	106	74	89	69	72	57	57	36
5	45	87	59	56	82	74	85	71	63	51	55	34
6	43	56	93	59	75	68	84	72	74	49	60	31
7	42	50	106	60	73	67	90	71	75	1210	81	31
8	41	49	76	66	70	97	129	70	114	213	127	32
9	41	50	291	62	70	74	99	69	76	106	98	32
10	41	49	880	62	72	70	85	69	65	81	68	30
11	40	51	201	61	67	70	81	68	72	104	79	30
12	43	89	133	59	67	68	86	66	101	115	61	29
13	50	71	113	79	66	67	105	66	143	78	124	29
14	42	57	99	200	72	77	85	68	73	81	65	29
15	41	54	90	81	73	68	79	92	62	68	55	28
16	40	53	86	65	70	103	76	75	58	72	51	29
17	39	51	85	60	68	91	71	70	55	64	48	29
18	40	51	82	59	66	76	73	67	54	58	84	29
19	41	52	71	58	66	73	73	65	67	55	79	28
20	44	59	64	59	72	73	71	305	135	53	53	27
21	42	56	64	59	248	73	70	111	106	68	75	28
22	42	54	65	58	198	110	85	78	66	84	56	28
23	43	60	300	57	98	197	93	72	60	59	44	29
24	46	87	123	55	126	110	73	67	56	55	110	28
25	45	113	81	57	95	90	69	63	55	53	50	29
26	42	74	75	57	82	83	76	61	54	51	44	29
27	43	69	68	56	79	169	87	58	62	50	43	31
28	43	74	64	54	184	1210	72	57	215	49	42	29
29	44	62	62	58	---	183	71	57	92	300	41	63
30	44	63	61	85	---	118	93	63	65	119	48	43
31	45	---	59	79	---	216	---	59	---	99	44	---
TOTAL	1373	1946	3824	2050	2656	4117	2620	2407	2579	3677	2039	964
MEAN	44.3	64.9	123	66.1	94.9	133	87.3	77.6	86.0	119	65.8	32.1
MAX	60	163	880	200	248	1210	155	305	215	1210	127	63
MIN	39	43	59	54	66	67	69	57	54	49	41	27
CFSM	0.94	1.38	2.62	1.41	2.02	2.83	1.86	1.65	1.83	2.52	1.40	0.68
IN.	1.09	1.54	3.03	1.62	2.10	3.26	2.07	1.91	2.04	2.91	1.61	0.76

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	43.1	48.1	74.0	60.0	76.0	95.1	62.7	61.1
MAX	60.3	71.4	131	82.9	113	210	94.6	158
(WY)	2004	2004	2003	1999	2003	2003	2003	2003
MIN	17.3	21.1	36.1	51.4	39.2	55.4	41.4	31.0
(WY)	2001	2002	2002	2003	2001	1999	2002	2001

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	26185		30252		61.0	
ANNUAL MEAN	71.5		82.9		107	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					36.1	
HIGHEST DAILY MEAN	2280	Sep 8	1210	Mar 28	2980	Mar 20 2003
LOWEST DAILY MEAN	22	Sep 1	27	Sep 20	3.3	Aug 8 2002
ANNUAL SEVEN-DAY MINIMUM	24	Aug 26	28	Sep 18	3.6	Aug 8 2002
MAXIMUM PEAK FLOW			1930	Jul 7	3470	Mar 20 2003
MAXIMUM PEAK STAGE			8.07	Jul 7	10.68	Mar 20 2003
ANNUAL RUNOFF (CFSM)	1.52		1.76		1.30	
ANNUAL RUNOFF (INCHES)	20.73		23.94		17.63	
10 PERCENT EXCEEDS	90		113		92	
50 PERCENT EXCEEDS	51		67		45	
90 PERCENT EXCEEDS	33		41		20	

