

02175445 SAVANNAH CREEK AT EHRHARDT, SC

LOCATION.--Lat 33°05'12", long 81°01'55", Bamberg County, Hydrologic Unit 03050207, on left bank at Ehrhardt water treatment plant, approximately 5 mi northwest of Lodge, and 1.25 mi southwest of Ehrhardt.

DRAINAGE AREA.--2.20 mi².

PERIOD OF RECORD.--March 2001 to current year.

GAGE.--Data collection platform. Elevation of gage is 113 ft (revised) above NGVD of 1929 (from topographic map).

REMARKS.--No estimated daily discharges. Records poor.

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	1.0	0.41	0.48	0.63	0.72	0.68	1.8	0.78	0.22	0.16	0.37	0.64
2	0.96	0.42	0.41	0.93	0.61	5.5	1.3	0.38	0.19	0.33	0.23	0.54
3	0.98	0.49	0.36	1.3	0.60	4.0	0.86	0.50	0.18	0.35	0.18	0.82
4	0.92	0.47	0.35	1.2	0.59	2.1	0.74	0.91	0.19	0.13	0.17	0.38
5	0.94	0.46	0.32	0.96	0.57	1.3	0.66	0.52	0.19	0.11	0.17	0.29
6	1.8	0.47	0.29	1.5	1.3	2.1	0.55	0.42	0.21	0.68	0.15	0.27
7	1.2	0.47	0.31	1.1	8.0	1.2	0.52	0.38	0.30	0.48	0.17	0.26
8	0.44	0.47	0.33	0.90	1.9	1.1	0.52	0.33	0.27	0.17	0.32	0.23
9	0.34	0.48	0.36	0.84	1.4	1.2	1.3	0.31	0.24	0.31	0.13	0.23
10	0.33	0.54	0.95	0.83	1.2	1.3	0.89	0.29	0.20	0.31	0.12	0.21
11	0.34	0.53	1.8	0.80	1.0	1.2	0.88	0.28	0.18	0.26	0.12	0.19
12	0.33	0.55	1.1	3.0	0.92	1.2	0.72	0.27	0.18	0.39	0.12	0.20
13	0.31	0.57	0.90	4.8	1.3	1.4	0.84	0.80	0.16	0.34	0.12	0.23
14	0.31	0.61	0.87	1.7	1.2	1.0	1.7	0.47	0.15	0.31	1.3	0.27
15	0.27	0.62	0.83	2.0	0.82	0.92	1.2	0.31	0.15	0.21	0.52	0.70
16	0.27	0.59	0.77	0.98	0.79	0.85	0.67	0.28	0.14	0.16	0.26	0.46
17	0.21	0.60	0.76	1.4	0.77	1.2	0.61	0.28	0.14	0.14	0.22	0.30
18	0.24	0.67	0.81	0.91	0.74	1.0	0.49	1.3	0.16	0.13	0.23	0.33
19	0.27	0.70	0.76	1.3	0.75	0.87	0.44	0.69	0.16	0.13	4.3	0.39
20	0.22	0.73	0.87	1.0	1.0	0.81	0.51	0.38	0.16	0.12	7.4	0.29
21	0.23	0.72	0.84	0.81	1.1	1.3	0.42	0.46	0.19	0.21	0.61	0.25
22	0.26	0.70	0.80	1.0	0.87	0.97	0.55	0.35	0.31	0.76	0.39	0.21
23	0.28	0.76	0.83	0.84	0.73	0.75	0.39	0.30	0.28	0.33	0.32	0.20
24	0.38	0.79	0.76	0.79	0.69	0.72	0.33	0.28	0.23	0.26	0.28	0.22
25	0.34	0.68	0.80	0.99	1.4	0.73	0.38	0.34	1.2	0.21	5.0	0.27
26	0.27	0.61	0.71	0.80	0.81	1.3	0.36	0.27	0.53	0.22	1.7	3.6
27	0.29	0.53	0.60	0.71	0.71	2.4	0.43	0.23	0.28	0.23	0.75	0.64
28	0.30	0.54	0.72	0.77	0.67	0.96	0.43	0.22	0.20	0.18	3.8	0.45
29	0.33	0.61	0.82	0.69	---	0.82	0.33	0.22	0.18	0.16	0.74	0.35
30	0.34	0.54	0.68	0.65	---	1.0	0.33	0.26	0.17	0.14	1.2	0.31
31	0.33	---	0.65	0.70	---	1.3	---	0.25	---	0.20	0.85	---
TOTAL	15.03	17.33	21.84	36.83	33.16	43.18	21.15	13.06	7.34	8.12	32.24	13.73
MEAN	0.48	0.58	0.70	1.19	1.18	1.39	0.70	0.42	0.24	0.26	1.04	0.46
MAX	1.8	0.79	1.8	4.8	8.0	5.5	1.8	1.3	1.2	0.76	7.4	3.6
MIN	0.21	0.41	0.29	0.63	0.57	0.68	0.33	0.22	0.14	0.11	0.12	0.19
CFSM	0.22	0.26	0.32	0.54	0.54	0.63	0.32	0.19	0.11	0.12	0.47	0.21
IN.	0.25	0.29	0.37	0.62	0.56	0.73	0.36	0.22	0.12	0.14	0.55	0.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

EDISTO RIVER BASIN

02175445 SAVANNAH CREEK AT EHRHARDT, SC--Continued

SUMMARY STATISTICS

FOR 2002 WATER YEAR

WATER YEARS 2001 - 2002

ANNUAL TOTAL	263.01			
ANNUAL MEAN	0.72		0.72	
HIGHEST ANNUAL MEAN			0.72	2002
LOWEST ANNUAL MEAN			0.72	2002
HIGHEST DAILY MEAN			21	Jul 28 2001
LOWEST DAILY MEAN	8.0	Feb 7		
ANNUAL SEVEN-DAY MINIMUM	0.11	Jul 5	0.11	Jul 5 2002
MAXIMUM PEAK FLOW	0.15	Jun 13	0.15	Jun 13 2002
MAXIMUM PEAK STAGE	31	Aug 19	Unknown	Jul 27 2001
ANNUAL RUNOFF (CFSM)	2.45	Aug 19	2.76	Jul 27 2001
ANNUAL RUNOFF (INCHES)	0.33		0.33	
10 PERCENT EXCEEDS	4.45		4.45	
50 PERCENT EXCEEDS	1.3		1.3	
90 PERCENT EXCEEDS	0.52		0.52	
	0.19		0.19	

