

EDISTO RIVER BASIN

02172640 DEAN SWAMP CREEK NEAR SALLEY, SC

LOCATION.--Lat 33°35'21'', long 81°21'57'', Aiken County, Hydrologic Unit 03050204, on downstream side of bridge, on unnamed dirt road off County Road 27 (1.2 miles south of intersection of County Roads 14 and 270), 1.4 mi downstream from Johnsons Pond, 4.0 mi southwest of Wagener, and 4.0 mi northwest of Salley.

DRAINAGE AREA.--31.2 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1980 to March 1987, February 1988 to current year.

GAGE.--Data collection platform. Elevation of gage is 270 ft above sea level (from topographic map). Prior to February 1988, gage at same site, at different datum.

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	25	23	22	27	18	21	19	14	26	28	20
2	21	27	23	22	25	18	21	19	14	22	32	21
3	21	26	28	23	24	17	22	19	14	19	23	21
4	24	25	29	23	23	18	21	19	15	17	24	21
5	25	25	23	23	23	20	21	18	16	16	21	22
6	23	25	23	22	22	18	19	18	18	15	19	22
7	21	24	23	22	22	17	18	18	17	17	18	21
8	21	24	22	21	22	17	18	18	17	18	17	20
9	21	24	22	21	22	17	18	18	17	17	17	19
10	23	23	22	31	21	17	19	18	17	16	17	18
11	27	23	24	26	21	18	20	18	17	17	17	18
12	29	23	28	23	23	21	20	18	16	19	17	18
13	33	22	27	21	24	20	20	17	16	20	17	18
14	30	23	27	21	30	18	21	17	17	20	17	18
15	27	24	24	21	26	18	26	17	16	18	17	17
16	26	25	24	21	23	20	22	16	17	17	17	17
17	26	25	23	21	22	26	20	16	18	17	17	17
18	26	24	28	21	21	22	20	16	26	16	17	20
19	26	24	29	21	21	15	20	16	23	15	18	22
20	27	25	28	26	21	31	19	17	21	15	18	21
21	26	25	26	23	21	25	19	17	18	16	18	21
22	25	24	25	22	20	24	19	17	16	20	17	27
23	24	23	23	33	21	22	20	17	16	20	17	48
24	23	23	22	46	22	25	20	17	16	20	17	27
25	22	23	21	42	22	23	22	16	16	20	18	19
26	23	28	22	32	21	17	20	17	20	21	18	18
27	23	26	21	27	21	20	19	22	18	21	18	16
28	22	26	21	25	19	22	20	18	16	23	18	16
29	22	31	23	26	18	20	20	15	21	21	17	15
30	22	24	23	32	---	19	19	15	34	18	18	15
31	23	---	23	31	---	20	---	15	---	18	19	---
TOTAL	753	739	750	791	648	623	604	538	537	575	583	613
MEAN	24.3	24.6	24.2	25.5	22.3	20.1	20.1	17.4	17.9	18.5	18.8	20.4
MAX	33	31	29	46	30	31	26	22	34	26	32	48
MIN	21	22	21	21	18	15	18	15	14	15	17	15
CFSM	.78	.79	.78	.82	.72	.64	.65	.56	.57	.59	.60	.65
IN.	.90	.88	.89	.94	.77	.74	.72	.64	.64	.69	.70	.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2000, BY WATER YEAR (WY)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
MEAN	24.1	25.2	26.1	27.9	27.5	26.8	25.0	23.2	22.9	22.6	23.5	22.7
MAX	30.4	31.6	33.7	40.1	41.9	38.1	36.1	35.3	32.6	28.7	34.2	29.8
(WY)	1991	1996	1998	1993	1995	1998	1998	1998	1995	1995	1995	1995
MIN	16.5	18.8	18.8	18.5	18.2	15.3	17.6	17.4	14.6	13.6	15.8	17.0
(WY)	1989	1990	1989	1990	1989	1989	1990	2000	1990	1990	1990	1990

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1981 - 2000	
ANNUAL TOTAL	8431		7754		25.0	
ANNUAL MEAN	23.1		21.2		32.1	
HIGHEST ANNUAL MEAN					17.2	
LOWEST ANNUAL MEAN					1990	
HIGHEST DAILY MEAN	50	Jan 24	48	Sep 23	114	Oct 23 1990
LOWEST DAILY MEAN	16	Apr 18	14	Jun 1	11	Jul 20 1990
ANNUAL SEVEN-DAY MINIMUM	17	Aug 7	15	May 29	12	Mar 11 1989
INSTANTANEOUS PEAK FLOW			68	Sep 23	229	Oct 23 1990
INSTANTANEOUS PEAK STAGE			3.65	Sep 23	6.21	Oct 23 1990
ANNUAL RUNOFF (CFSM)	.74		.68		.80	
ANNUAL RUNOFF (INCHES)	10.05		9.25		10.87	
10 PERCENT EXCEEDS	28		26		32	
50 PERCENT EXCEEDS	23		21		24	
90 PERCENT EXCEEDS	18		17		18	

