

## SANTEE RIVER BASIN

02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC

LOCATION.--Lat 34°42'45"', long 82°09'42"', Laurens County, Hydrologic Unit 03050108, at Durbin Creek Treatment Plant, off State Road 418, approximately 2.5 mi northeast of Fountain Inn.

DRAINAGE AREA.--14.0 mi<sup>2</sup>.

PERIOD OF RECORD.--July 1994 to current year.

GAGE.--Data collection platform. Elevation of gage is 640 ft above sea level (from topographic map).

REMARKS.--Records fair except for estimated daily discharges, which are poor.

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	3.1	8.2	e8.2	8.4	18	10	13	10	3.2	e4.7	15	9.5
2	2.9	15	e8.5	8.6	16	10	20	12	2.9	e3.5	12	20
3	2.9	9.6	e8.4	8.7	14	9.6	20	24	2.8	e2.7	7.4	12
4	51	7.1	e7.7	10	13	28	16	12	2.9	e2.6	40	35
5	e11	6.5	e7.9	8.4	12	17	14	11	3.6	e2.5	16	e10
6	e7.4	6.5	28	8.0	12	13	14	9.7	3.6	e2.4	8.0	e7.8
7	e6.1	6.6	e11	8.0	11	12	e12	9.7	2.6	e2.4	6.7	e7.5
8	e5.7	6.7	e9.3	7.8	11	12	e12	9.7	2.6	e2.4	5.8	e7.2
9	e6.0	6.6	e8.7	11	11	11	e12	8.6	2.7	e2.4	4.9	e7.0
10	146	6.6	15	61	11	11	e12	7.8	3.1	e2.3	4.5	e6.5
11	287	7.1	e10	20	11	14	e10	7.4	2.9	e2.6	4.4	e5.5
12	32	7.5	e9.7	15	16	14	e10	7.4	2.3	6.6	3.7	e5.4
13	22	6.9	e12	13	13	11	9.6	7.6	2.2	9.5	3.0	e4.6
14	e17	6.9	35	12	46	10	20	7.2	2.7	4.7	2.5	e4.6
15	e14	6.7	15	11	21	10	47	6.8	2.8	4.0	2.4	e4.0
16	e12	6.4	12	11	17	35	25	6.5	2.1	3.3	2.7	3.1
17	e11	6.1	10	10	15	34	17	6.4	2.3	2.6	3.1	3.1
18	e11	6.1	9.8	11	15	17	15	6.2	5.4	2.8	2.5	3.8
19	e10	6.5	9.7	10	14	15	13	5.3	3.0	2.7	1.9	5.7
20	e16	6.7	10	13	12	284	12	5.1	11	1.6	1.9	3.9
21	e13	7.0	23	9.6	12	45	11	6.3	7.6	1.3	2.6	8.1
22	e11	7.0	15	9.1	12	31	11	5.9	4.2	2.2	3.4	14
23	e9.3	7.0	12	40	11	26	11	4.6	3.8	4.1	3.0	35
24	e9.2	7.2	11	26	11	22	14	5.1	2.8	4.9	2.9	e9.0
25	e9.3	8.8	9.6	25	11	21	16	5.4	2.5	4.7	2.7	36
26	e9.3	28	9.7	19	10	20	12	4.3	2.3	4.4	8.3	16
27	e8.4	e11	9.4	15	14	19	11	4.1	e2.7	3.2	4.2	e9.1
28	6.2	e9.4	9.1	14	12	18	13	4.2	e2.4	4.4	4.4	e7.9
29	5.8	e8.9	8.7	14	11	15	13	4.7	e3.5	5.1	3.8	e7.1
30	5.8	e8.5	8.6	26	---	14	12	4.6	e6.0	25	3.1	e6.6
31	7.1	---	8.4	23	---	14	---	4.1	---	30	5.5	---
TOTAL	768.5	249.1	370.4	486.6	413	822.6	447.6	233.7	104.5	157.6	192.3	315.0
MEAN	24.8	8.30	11.9	15.7	14.2	26.5	14.9	7.54	3.48	5.08	6.20	10.5
MAX	287	28	35	61	46	284	47	24	11	30	40	36
MIN	2.9	6.1	7.7	7.8	10	9.6	9.6	4.1	2.1	1.3	1.9	3.1
CFSM	1.77	.59	.85	1.12	1.02	1.90	1.07	.54	.25	.36	.44	.75
IN.	2.04	.66	.98	1.29	1.10	2.19	1.19	.62	.28	.42	.51	.84

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2000, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2000	2000	2000	2000	2000
MEAN	14.6	13.9	16.5	27.7	32.1	27.9	22.5	13.4	10.5	8.03	17.7	8.76
MAX	24.8	23.5	24.8	47.3	51.4	39.3	57.2	23.9	16.0	15.7	61.5	10.5
(WY)	2000	1996	1998	1995	1998	1998	1998	1998	1998	1997	1995	2000
MIN	6.05	7.94	11.9	15.7	14.2	14.1	12.5	7.54	3.48	5.08	3.06	3.63
(WY)	1997	1997	2000	2000	2000	1999	1995	2000	2000	2000	1999	1999

SUMMARY STATISTICS		02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC--Continued		WATER YEARS 1994 - 2000	
		FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR		
ANNUAL TOTAL		4438.8	4560.9		
ANNUAL MEAN		12.2	12.5	17.6	
HIGHEST ANNUAL MEAN				26.2	1998
LOWEST ANNUAL MEAN				11.6	1999
HIGHEST DAILY MEAN		287	287	800	Aug 27 1995
LOWEST DAILY MEAN		1.8	1.3	1.3	Jul 21 2000
ANNUAL SEVEN-DAY MINIMUM		2.0	2.4	2.0	Sep 2 1999
INSTANTANEOUS PEAK FLOW			942	Unknown	Aug 27 1995
INSTANTANEOUS PEAK STAGE			8.41	a 14.58	Aug 27 1995
ANNUAL RUNOFF (CFSM)		.87	.89	1.26	
ANNUAL RUNOFF (INCHES)		11.79	12.12	17.12	
10 PERCENT EXCEEDS		17	20	28	
50 PERCENT EXCEEDS		9.4	9.1	11	
90 PERCENT EXCEEDS		2.6	2.8	4.9	

a From floodmarks.

e Estimated

