

## 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>.

## WATER-DISCHARGE RECORDS

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

GAGE.--Data collection platform. Elevation of gage is 640 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records good except for estimated daily discharges and those above 140 cfs, which are poor.

Discharge, cubic feet per second  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.3	8.4	9.1	8.7	10	14	11	29	4.1	8.9	5.2	6.4
2	6.3	8.4	8.9	9.1	11	14	10	21	3.6	9.9	5.9	8.1
3	5.9	8.3	9.9	9.5	28	13	9.6	11	3.3	19	5.1	4.6
4	6.8	8.3	12	9.4	14	13	9.6	8.8	3.7	10	5.5	4.3
5	6.6	8.6	12	13	13	13	9.3	8.4	4.2	31	3.3	4.0
6	6.7	9.9	9.9	11	63	13	9.1	7.7	4.3	31	3.7	4.4
7	8.3	9.4	9.4	9.4	35	12	9.0	7.3	3.8	11	3.2	130
8	12	9.8	9.3	9.4	20	11	9.2	7.0	6.4	61	3.8	306
9	11	8.6	9.2	10	17	12	8.8	6.7	9.4	32	3.3	e28
10	11	8.4	33	9.8	15	11	8.8	6.4	7.4	13	2.5	e16
11	17	8.4	19	9.3	14	11	8.8	5.5	5.5	10	2.6	e11
12	10	8.4	13	9.2	28	11	10	7.3	4.0	9.8	28	e9.3
13	8.7	8.1	13	9.3	18	10	37	7.6	4.7	9.0	8.2	e8.6
14	8.4	8.0	29	9.5	20	10	15	7.0	6.6	7.9	10	e8.0
15	8.0	8.5	16	9.1	38	11	12	6.7	10	7.2	6.6	e8.4
16	8.0	8.3	14	8.7	27	11	11	6.4	8.5	6.8	5.8	8.7
17	7.9	9.0	14	9.1	19	10	10	6.2	5.2	12	6.0	30
18	7.9	8.8	12	12	17	9.9	9.6	7.6	4.3	15	5.8	11
19	7.8	52	11	9.5	16	10	9.2	6.7	3.2	8.0	4.5	9.0
20	7.3	15	11	8.9	15	9.7	8.4	6.3	3.3	6.7	3.7	8.0
21	6.6	11	10	8.8	14	12	7.4	6.0	36	6.3	3.8	7.6
22	6.5	10	10	8.9	13	9.7	6.8	5.7	17	6.0	4.6	7.2
23	6.7	9.9	10	8.9	13	9.5	7.0	5.6	7.8	5.8	4.5	7.1
24	7.4	11	10	8.8	13	9.4	7.0	5.3	8.6	5.2	6.2	6.9
25	7.6	10	9.8	12	12	9.7	7.3	4.9	25	5.2	4.8	6.6
26	8.0	9.6	9.7	11	14	9.1	8.2	4.6	77	6.0	3.3	6.4
27	31	9.5	9.8	12	18	9.4	8.4	4.5	11	7.2	3.5	e520
28	11	12	9.5	12	16	9.4	7.5	3.8	9.5	5.1	4.1	e785
29	9.7	9.7	9.5	11	15	9.2	6.6	3.1	7.6	6.0	4.0	36
30	8.9	9.2	9.6	11	---	14	6.1	5.4	8.2	6.0	3.7	23
31	8.6	---	9.3	10	---	17	---	5.8	---	6.0	3.2	---
TOTAL	284.9	324.5	381.9	308.3	566	348.0	297.7	235.3	313.2	384.0	168.4	2029.6
MEAN	9.19	10.8	12.3	9.95	19.5	11.2	9.92	7.59	10.4	12.4	5.43	67.7
MAX	31	52	33	13	63	17	37	29	77	61	28	785
MIN	5.9	8.0	8.9	8.7	10	9.1	6.1	3.1	3.2	5.1	2.5	4.0
CFSM	0.66	0.77	0.88	0.71	1.39	0.80	0.71	0.54	0.75	0.88	0.39	4.83
IN.	0.76	0.86	1.01	0.82	1.50	0.92	0.79	0.63	0.83	1.02	0.45	5.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2004, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
MEAN	11.5	12.8	15.2	21.7	25.7	26.2	20.1	13.6	10.6	9.20	13.5	15.2
MAX	24.8	23.5	25.0	47.3	51.4	40.9	57.2	33.2	20.2	18.0	61.5	67.7
(WY)	2000	1996	2003	1995	1998	2003	1998	2003	2003	2003	1995	2004
MIN	4.07	6.52	7.55	9.50	8.16	11.2	9.92	5.91	3.48	2.31	0.72	3.63
(WY)	2001	2002	2002	2001	2001	2004	2004	2001	2000	2002	2002	1999

02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1994 - 2004	
ANNUAL TOTAL	7230.0		5641.8			
ANNUAL MEAN	19.8		15.4		16.2	
HIGHEST ANNUAL MEAN					26.2	1998
LOWEST ANNUAL MEAN					8.90	2002
HIGHEST DAILY MEAN	424	Mar 20	e 785	Sep 28	e 800	Aug 27 1995
LOWEST DAILY MEAN	4.7	Sep 19	2.5	Aug 10	0.15	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	5.8	Sep 15	3.2	Aug 5	0.27	Aug 9 2002
MAXIMUM PEAK FLOW			Unknown	Sep 27	Unknown	Aug 27 1995
MAXIMUM PEAK STAGE			10.33	Sep 27	a 14.58	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.41		1.10		1.16	
ANNUAL RUNOFF (INCHES)	19.21		14.99		15.72	
10 PERCENT EXCEEDS	31		17		26	
50 PERCENT EXCEEDS	14		9.2		10	
90 PERCENT EXCEEDS	8.0		4.6		4.3	

a From floodmarks.

e Estimated

