

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 mi².

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, which are 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	18	7.9	12	12	11	22	41	15	56	16	18	7.3
2	15	7.9	9.1	12	11	18	31	13	83	14	12	7.1
3	15	12	8.7	11	34	17	24	13	29	14	10	6.9
4	12	28	8.4	11	18	16	22	12	21	13	9.1	7.0
5	12	12	8.2	11	15	15	20	13	16	12	9.4	6.8
6	10	8.9	14	12	13	14	19	12	14	11	9.7	6.4
7	9.9	8.4	14	11	13	14	24	12	13	44	14	6.3
8	8.8	8.0	11	11	12	25	86	11	13	17	11	6.4
9	8.4	7.5	36	11	12	15	39	12	13	13	10	6.1
10	8.8	7.3	222	11	12	14	27	38	24	12	69	5.9
11	8.6	7.7	33	11	11	14	23	22	19	12	20	5.8
12	8.4	15	22	10	11	13	26	13	15	42	13	5.8
13	8.8	9.8	18	15	11	13	27	12	13	81	13	5.4
14	7.9	8.3	15	38	13	16	22	12	12	35	12	5.3
15	7.9	8.0	14	15	12	13	19	19	11	22	10	5.3
16	7.6	7.9	13	13	12	31	18	15	10	17	9.8	5.3
17	7.1	7.8	13	12	11	26	17	12	9.7	14	11	5.3
18	7.3	7.7	12	12	11	18	18	12	9.3	13	11	5.3
19	8.4	7.6	12	e12	10	16	16	11	14	12	11	5.1
20	8.2	8.0	e11	11	12	15	16	212	10	11	9.3	5.2
21	8.4	8.2	e11	11	61	15	16	32	14	11	8.9	5.2
22	8.0	8.6	11	11	39	18	21	18	14	11	14	4.9
23	7.8	12	47	11	21	42	22	15	9.7	9.9	11	4.8
24	e11	18	21	e10	35	21	15	13	8.9	9.4	9.9	4.7
25	e8.5	16	16	11	21	18	14	12	8.6	9.1	9.2	4.8
26	7.9	11	15	10	18	16	16	11	17	8.6	8.9	5.1
27	e8.2	9.8	14	10	17	76	17	10	116	8.3	8.6	5.3
28	e8.2	10	13	9.7	41	e485	14	10	187	13	8.4	5.0
29	8.4	9.0	13	11	---	44	14	9.9	32	29	8.4	4.9
30	8.2	8.8	12	18	---	32	15	13	20	15	8.3	4.3
31	7.7	---	12	13	---	61	---	11	---	29	7.9	---
TOTAL	290.4	307.1	691.4	387.7	518	1173	699	645.9	832.2	578.3	395.8	169.0
MEAN	9.37	10.2	22.3	12.5	18.5	37.8	23.3	20.8	27.7	18.7	12.8	5.63
MAX	18	28	222	38	61	485	86	212	187	81	69	7.3
MIN	7.1	7.3	8.2	9.7	10	13	14	9.9	8.6	8.3	7.9	4.3
CFSM	0.67	0.73	1.59	0.89	1.32	2.70	1.66	1.49	1.98	1.33	0.91	0.40
IN.	0.77	0.82	1.84	1.03	1.38	3.12	1.86	1.72	2.21	1.54	1.05	0.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2005, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	11.3	12.6	15.8	20.9	25.1	27.3	20.4	14.3	12.2	10.1	13.5	14.4
MAX	24.8	23.5	25.0	47.3	51.4	40.9	57.2	33.2	27.7	18.7	61.5	67.7
(WY)	2000	1996	2003	1995	1998	2003	1998	2003	2005	2005	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

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1994 - 2005	
ANNUAL TOTAL	5939.4		6687.8			
ANNUAL MEAN	16.2		18.3		16.4	
HIGHEST ANNUAL MEAN					26.2	1998
LOWEST ANNUAL MEAN					8.90	2002
HIGHEST DAILY MEAN	e 785	Sep 28	e 485	Mar 28	e 800	Aug 27 1995
LOWEST DAILY MEAN	2.5	Aug 10	4.3	Sep 30	0.15	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	3.2	Aug 5	4.9	Sep 24	0.27	Aug 9 2002
MAXIMUM PEAK FLOW			Unknown	Mar 28	Unknown	Aug 27 1995
MAXIMUM PEAK STAGE			7.38	Mar 28	a 14.58	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.16		1.31		1.17	
ANNUAL RUNOFF (INCHES)	15.78		17.77		15.90	
10 PERCENT EXCEEDS	18		29		26	
50 PERCENT EXCEEDS	9.1		12		10	
90 PERCENT EXCEEDS	4.6		7.7		4.5	

a From floodmarks.

e Estimated

