

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 and those above 140 cfs, which are poor.

Discharge, cubic feet per second												
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAILY MEAN VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.4	7.4	9.0	24	15	29	21	18	17	33	39	9.0
2	5.9	7.2	9.0	18	14	26	20	23	16	93	25	9.0
3	5.5	6.7	9.2	17	13	21	19	20	24	26	16	8.9
4	5.5	6.8	12	15	17	19	19	18	21	20	14	8.7
5	5.4	18	42	14	13	19	22	22	17	17	20	8.6
6	5.2	35	22	14	14	80	21	69	37	16	27	8.1
7	4.7	14	16	13	29	33	79	45	64	15	22	8.1
8	4.8	11	14	13	17	25	42	30	32	14	16	8.0
9	4.5	10	13	13	15	22	46	25	23	13	14	7.7
10	5.0	10	13	12	21	20	93	22	20	14	15	6.7
11	7.9	25	41	12	16	18	56	22	22	14	13	6.2
12	5.5	115	20	11	14	17	36	e20	29	13	23	5.9
13	5.5	33	66	11	14	17	30	18	23	13	14	6.5
14	5.2	21	37	11	15	16	26	18	20	13	13	6.8
15	28	17	23	11	14	18	24	e18	18	13	12	e7.1
16	37	62	20	11	24	21	23	e18	18	12	12	e6.8
17	13	44	18	11	20	18	28	e25	17	11	16	6.1
18	9.7	24	16	11	17	41	106	e22	17	10	13	5.3
19	8.1	19	14	11	15	56	41	e21	19	12	11	4.7
20	7.7	16	25	11	15	424	32	18	18	12	11	5.0
21	8.1	14	16	11	14	59	30	19	15	11	11	5.4
22	7.2	13	14	13	81	40	27	e240	15	17	11	12
23	7.0	12	13	12	36	33	24	e80	13	17	11	19
24	6.9	11	120	11	24	28	23	40	13	14	10	8.9
25	7.2	11	50	11	21	25	24	30	14	12	9.5	8.0
26	7.7	10	29	11	21	25	24	26	13	16	8.5	7.7
27	6.8	9.7	22	10	95	24	21	23	12	17	8.2	7.5
28	8.4	9.7	20	10	42	22	20	21	14	11	8.3	7.4
29	13	9.2	18	11	---	21	20	20	13	14	8.6	7.0
30	9.5	9.2	19	31	---	28	19	19	13	13	8.4	7.2
31	7.8	---	15	19	---	22	---	18	---	33	7.9	---
TOTAL	270.1	610.9	775.2	414	666	1267	1016	1028	607	559	448.4	233.3
MEAN	8.71	20.4	25.0	13.4	23.8	40.9	33.9	33.2	20.2	18.0	14.5	7.78
MAX	37	115	120	31	95	424	106	240	64	93	39	19
MIN	4.5	6.7	9.0	10	13	16	19	18	12	10	7.9	4.7
CFSM	0.62	1.45	1.79	0.95	1.70	2.92	2.42	2.37	1.45	1.29	1.03	0.56
IN.	0.72	1.62	2.06	1.10	1.77	3.37	2.70	2.73	1.61	1.49	1.19	0.62

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2003, BY WATER YEAR (WY)

MEAN	11.7	13.1	15.5	23.0	26.4	27.9	21.3	14.3	10.6	8.85	14.4	9.99
MAX	24.8	23.5	25.0	47.3	51.4	40.9	57.2	33.2	20.2	18.0	61.5	16.3
(WY)	2000	1996	2003	1995	1998	2003	1998	2003	2003	2003	1995	2001
MIN	4.07	6.52	7.55	9.50	8.16	14.1	10.8	5.91	3.48	2.31	0.72	3.63
(WY)	2001	2002	2002	2001	2001	1999	2002	2001	2000	2002	2002	1999

SANTEE RIVER BASIN

02160381 DURBIN CREEK ABOVE FOUNTAIN INN, SC--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1994 - 2003	
ANNUAL TOTAL	4327.63		7894.9		16.3	
ANNUAL MEAN	11.9		21.6		26.2	
HIGHEST ANNUAL MEAN					8.90	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	213	Sep 15	424	Mar 20	800	Aug 27 1995
LOWEST DAILY MEAN	0.15	Aug 13	4.5	Oct 9	0.15	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	0.27	Aug 9	5.0	Oct 4	0.27	Aug 9 2002
MAXIMUM PEAK FLOW			976		Unknown	
MAXIMUM PEAK STAGE			8.54		a 14.58	
ANNUAL RUNOFF (CFSM)	0.85		1.54		1.16	
ANNUAL RUNOFF (INCHES)	11.50		20.98		15.80	
10 PERCENT EXCEEDS	22		36		27	
50 PERCENT EXCEEDS	8.4		16		10	
90 PERCENT EXCEEDS	1.1		7.4		4.3	

a From floodmarks.

e Estimated

