

02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC

LOCATION.--Lat 35°01'26", long 82°04'03", Spartanburg County, Hydrologic Unit 03050105, on left bank, at Milliken and Co., Dewey Plant, 1.8 mi southeast of Inman and 3.8 mi upstream from Meadow Creek.

DRAINAGE AREA.--6.46 mi².

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Data collection platform. Elevation of gage is 838 ft above sea level (from topographic map). Prior to December 8, 1999, at site 120 ft upstream and at datum 1.94 ft lower.

REMARKS.--Records fair except for discharges below 15 cfs and estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	2.6	3.1	4.3	5.2	6.9	11	6.0	20	6.8	9.7	2.1
2	2.8	3.6	3.1	4.3	5.1	6.9	10	5.7	7.4	4.8	3.9	3.0
3	2.7	2.7	3.6	4.3	5.1	7.2	11	5.4	5.4	3.8	3.5	3.2
4	2.0	3.7	3.3	4.2	5.3	12	9.9	4.7	4.6	6.8	4.0	9.3
5	1.9	3.9	3.4	4.2	5.1	8.9	9.3	4.6	3.3	5.4	3.3	3.1
6	2.4	3.0	3.4	4.4	4.9	9.1	9.1	5.9	3.9	3.8	3.1	2.6
7	2.5	3.5	3.3	4.5	4.9	8.0	8.9	5.6	3.5	3.1	2.7	2.4
8	2.5	3.6	3.3	5.7	4.9	7.6	8.3	5.4	5.3	5.3	2.7	1.7
9	2.1	14	3.2	4.5	4.9	7.0	8.1	5.6	4.2	4.6	2.2	1.6
10	2.8	7.1	3.3	4.4	6.2	7.0	8.1	5.6	3.8	3.7	2.4	2.0
11	2.7	5.1	3.5	4.4	5.1	6.8	7.8	5.7	4.1	2.9	3.0	1.8
12	2.2	4.8	3.4	7.2	5.2	10	7.7	4.9	3.8	2.8	1.8	1.8
13	2.5	4.8	3.5	5.4	5.4	8.9	8.6	4.5	3.5	4.9	2.7	2.0
14	2.3	5.2	5.2	5.2	6.0	7.2	7.9	5.0	4.1	3.4	2.6	2.0
15	2.5	4.5	3.6	4.9	5.5	25	8.7	4.2	4.1	2.9	2.1	1.7
16	1.7	4.4	16	4.9	5.7	11	8.0	4.5	3.8	2.6	1.7	2.0
17	2.3	5.2	19	4.7	15	8.9	7.6	4.3	3.3	2.1	1.8	1.4
18	1.6	4.1	7.6	7.4	7.2	7.9	7.2	4.9	2.3	2.5	1.7	1.9
19	2.2	6.5	6.9	27	6.7	7.2	6.6	4.3	2.7	3.8	1.5	1.5
20	2.0	5.7	5.9	16	6.5	45	6.5	4.5	3.0	24	1.4	2.6
21	2.9	4.5	5.8	9.2	6.3	32	6.3	7.6	2.7	6.3	1.4	2.2
22	2.5	4.4	5.5	7.7	8.9	12	6.3	11	2.8	5.1	1.3	1.2
23	2.1	4.6	5.5	6.9	6.6	9.3	6.1	4.4	3.5	4.4	1.3	1.2
24	2.3	4.5	5.2	6.3	6.4	8.5	6.2	3.3	2.7	8.2	1.6	11
25	2.3	25	5.1	5.9	21	8.0	7.6	4.9	3.9	30	1.6	3.9
26	2.4	6.7	4.6	5.8	10	7.2	6.5	3.7	7.6	13	1.5	2.6
27	3.4	4.5	4.6	5.3	8.3	7.0	6.3	3.2	4.3	6.4	1.4	2.5
28	3.5	3.7	4.7	5.3	7.5	7.1	6.0	4.3	3.9	5.6	1.2	1.8
29	3.6	3.4	4.5	5.3	---	e60	5.8	4.2	3.5	5.3	1.7	2.3
30	2.9	3.3	4.4	6.9	---	29	6.0	3.2	5.3	4.7	1.7	2.0
31	3.8	--	4.2	5.6	---	13	--	2.6	--	4.2	1.5	--
TOTAL	79.2	162.6	161.7	202.1	194.9	411.6	233.4	153.7	136.3	193.2	74.0	80.4
MEAN	2.55	5.42	5.22	6.52	6.96	13.3	7.78	4.96	4.54	6.23	2.39	2.68
MAX	3.8	25	19	27	21	60	11	11	20	30	9.7	11
(WY)	1993	1993	1984	1993	1990	1993	1983	1984	1989	1984	1994	1980
MIN	1.6	2.6	3.1	4.2	4.9	6.8	5.8	2.6	2.3	2.1	1.2	1.2
CFSM	.40	.84	.81	1.01	1.08	2.06	1.20	.77	.70	.96	.37	.41
IN.	.46	.94	.93	1.16	1.12	2.37	1.34	.89	.78	1.11	.43	.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2001, BY WATER YEAR (WY)

MEAN	7.87	8.74	9.48	12.0	12.7	13.8	10.3	8.99	7.40	5.99	7.00	5.02
MAX	20.5	19.3	18.2	28.3	23.8	33.7	17.0	20.3	14.2	12.3	28.0	9.13
(WY)	1993	1993	1984	1993	1990	1993	1983	1984	1989	1984	1994	1980
MIN	2.55	3.89	5.00	5.22	6.53	7.02	4.87	4.03	3.02	1.61	2.39	2.29
(WY)	2001	1982	1989	1981	1988	1999	1986	2000	2000	1986	2001	1999

SANTEE RIVER BASIN

02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1980 - 2001
ANNUAL TOTAL	2291.98	2083.1	9.09
ANNUAL MEAN	6.26	5.71	15.2 5.68
HIGHEST ANNUAL MEAN			1993 1999
LOWEST ANNUAL MEAN			
HIGHEST DAILY MEAN	117	Mar 20	370 Aug 27 1995
LOWEST DAILY MEAN	.88	Aug 29	.88 Aug 29 2000
ANNUAL SEVEN-DAY MINIMUM	1.2	Aug 25	1.1 Sep 14 1999
MAXIMUM PEAK FLOW			b 563 Aug 17 1994
MAXIMUM PEAK STAGE			b 7.86 May 23 1980
ANNUAL RUNOFF (CFSM)	.97		1.41
ANNUAL RUNOFF (INCHES)	13.20	12.00	19.12
10 PERCENT EXCEEDS	12	9.0	14
50 PERCENT EXCEEDS	4.2	4.5	6.9
90 PERCENT EXCEEDS	1.9	2.0	3.4

a Also occurred Sep. 22, 23.

b At site and datum then in use.

e Estimated

