

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).

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

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.7	3.7	4.4	5.6	24	6.4	30	8.6	4.0	3.4	2.7	1.7
2	4.0	4.3	4.4	6.6	16	6.3	10	7.3	5.2	3.4	2.6	1.6
3	4.0	7.1	4.4	24	9.7	7.7	8.0	7.1	7.5	3.5	2.3	1.6
4	11	4.8	4.4	11	8.6	6.9	7.1	6.3	5.6	3.4	2.2	1.5
5	6.2	4.6	4.6	8.9	7.9	6.5	6.7	7.4	4.6	3.2	2.0	1.7
6	5.7	4.4	4.5	8.3	7.7	6.6	6.2	8.1	4.3	3.5	1.9	2.4
7	9.5	4.5	4.5	8.0	7.4	6.4	6.1	8.6	4.2	8.7	1.9	1.8
8	16	4.7	4.7	8.7	7.0	6.2	6.1	7.4	3.9	6.4	1.9	1.9
9	5.6	4.7	5.0	8.2	6.9	7.2	6.1	e5.9	3.6	4.8	1.6	1.7
10	4.7	5.0	4.6	7.7	7.4	7.0	6.0	5.7	3.5	9.6	1.5	1.7
11	4.4	6.6	4.5	7.2	6.8	6.8	5.9	5.4	3.6	7.9	1.3	1.4
12	4.2	5.1	4.6	7.1	6.5	6.5	5.4	5.4	3.5	7.7	1.2	1.5
13	4.0	5.2	12	7.0	6.3	6.3	5.6	6.2	3.3	6.3	1.3	1.4
14	3.9	6.5	6.6	7.1	6.4	9.0	5.7	6.2	3.2	5.5	1.3	.94
15	3.8	7.5	6.2	8.0	7.1	7.6	6.8	5.7	4.5	5.3	1.3	1.0
16	3.7	6.7	7.5	7.2	6.4	6.9	6.2	5.5	13	4.7	1.3	1.4
17	3.6	6.0	6.1	8.1	6.6	6.7	5.9	5.3	6.5	4.4	1.5	.94
18	3.7	5.4	5.5	11	9.6	6.5	5.9	5.9	4.6	4.2	1.3	1.1
19	3.7	5.4	5.9	8.7	13	6.4	5.8	6.4	4.2	3.8	1.1	1.2
20	3.7	5.2	6.0	8.3	9.7	6.5	5.5	5.3	4.1	3.5	3.5	1.3
21	3.7	4.8	5.8	8.1	8.3	13	5.6	4.9	3.9	3.5	2.7	1.9
22	3.7	4.7	5.4	7.9	7.9	7.9	5.4	4.7	3.9	3.4	2.3	2.7
23	3.8	4.9	5.9	13	7.7	7.2	5.3	4.7	3.9	3.2	2.3	1.9
24	4.0	4.9	19	15	7.4	7.0	5.7	4.5	4.0	3.1	15	1.6
25	3.9	5.0	10	9.6	7.2	6.7	5.6	4.3	5.6	3.2	4.6	1.6
26	3.9	5.0	7.6	8.7	7.0	6.7	5.6	5.6	4.3	2.9	3.8	1.4
27	3.8	6.2	6.7	8.2	6.6	6.8	6.3	4.8	6.0	2.8	2.8	5.3
28	3.8	6.3	6.6	7.9	6.8	6.5	6.8	4.4	5.1	3.1	2.7	8.3
29	3.9	5.1	6.4	7.7	--	6.6	7.2	5.1	4.4	2.9	2.4	9.3
30	3.8	4.9	5.8	8.2	--	6.2	19	4.4	3.7	2.8	2.0	4.8
31	3.7	--	5.7	8.0	--	6.7	--	4.1	--	2.7	1.7	--
TOTAL	152.1	159.2	195.3	279.0	239.9	217.7	223.5	181.2	141.7	136.8	78.0	68.58
MEAN	4.91	5.31	6.30	9.00	8.57	7.02	7.45	5.85	4.72	4.41	2.52	2.29
MAX	16	7.5	19	24	24	13	30	8.6	13	9.6	15	9.3
MIN	3.6	3.7	4.4	5.6	6.3	6.2	5.3	4.1	3.2	2.7	1.1	.94
CFSM	.76	.82	.98	1.39	1.33	1.09	1.15	.90	.73	.68	.39	.35
IN.	.88	.92	1.12	1.61	1.38	1.25	1.29	1.04	.82	.79	.45	.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1999, BY WATER YEAR (WY)

MEAN	8.05	9.06	9.80	12.4	13.2	13.8	10.2	9.44	7.76	6.16	7.46	5.21
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	3.30	3.89	5.00	5.22	6.53	7.02	4.87	4.65	4.02	1.61	2.40	2.29
(WY)	1988	1982	1989	1981	1988	1999	1986	1986	1986	1986	1988	1999

SUMMARY STATISTICS	02156050 LAWSONS FORK CREEK AT DEWEY PLANT NEAR INMAN, SC--Continued FOR 1998 CALENDAR YEAR	FOR 1999 WATER YEAR	WATER YEARS 1980 - 1999
ANNUAL TOTAL	3524.6	2072.98	
ANNUAL MEAN	9.66	5.68	9.36
HIGHEST ANNUAL MEAN			15.2
LOWEST ANNUAL MEAN			5.68
HIGHEST DAILY MEAN	134	Mar 8	370 Aug 27 1995
LOWEST DAILY MEAN	2.5	Sep 1	.94 Sep 14 1999
ANNUAL SEVEN-DAY MINIMUM	2.6	Aug 27	1.1 Sep 14 1999
INSTANTANEOUS PEAK FLOW			83 Apr 1 1994
INSTANTANEOUS PEAK STAGE			3.22 Apr 1 1994
INSTANTANEOUS LOW FLOW			.66 * Sep 17 1999
ANNUAL RUNOFF (CFSM)	1.49	.88	1.45
ANNUAL RUNOFF (INCHES)	20.30	11.94	19.69
10 PERCENT EXCEEDS	14	8.3	14
50 PERCENT EXCEEDS	6.5	5.4	7.1
90 PERCENT EXCEEDS	3.6	1.9	3.5

* Also occurred on Sep. 19, 21, 1999.

** Also occurred on Sep. 17.

e Estimated

