

02131320 LITTLE FORK CREEK AT JEFFERSON, SC

LOCATION.--Lat 34°38'13", long 80°24'23", Chesterfield County, Hydrologic Unit 03040202, on downstream side, at center of span on State Highway 265 bridge, 0.9 mi south of intersection of State Highways 265 and 151, at Jefferson.

DRAINAGE AREA.--15.0 mi².

PERIOD OF RECORD.--October 1990 to current year.

GAGE.--Data collection platform. Elevation of gage is 300 ft above sea level (from topographic map).

REMARKS.--No estimated daily discharges. Records good.

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	4.9	2.3	4.0	6.0	32	9.3	25	39	1.5	1.4	.14	.37
2	3.1	2.2	4.0	7.1	56	8.9	22	21	1.5	1.3	.17	.42
3	3.5	2.4	4.0	58	34	8.9	16	14	1.6	1.2	.21	.43
4	4.4	2.7	3.9	28	29	9.2	14	9.8	1.4	1.1	.25	.44
5	3.1	2.4	3.8	19	23	8.6	13	8.4	1.3	1.0	.34	.66
6	2.4	2.3	3.9	15	19	8.7	11	10	1.4	1.0	.37	.91
7	2.3	2.2	3.9	13	18	8.5	11	13	1.2	1.0	.34	1.3
8	62	2.2	3.8	11	17	7.9	10	10	1.2	.82	.30	1.6
9	25	3.4	3.9	11	15	10	9.9	7.5	1.2	.74	.31	1.7
10	11	4.4	3.8	10	14	12	9.0	6.5	1.1	.58	.31	2.0
11	7.9	4.4	4.4	9.1	14	10	8.5	6.2	1.1	1.4	.32	1.5
12	6.9	4.2	4.3	8.1	14	8.6	7.6	6.3	1.1	1.2	.39	.48
13	6.2	3.5	5.9	7.8	14	8.3	6.5	5.7	1.0	1.5	.34	.62
14	6.1	2.4	6.3	8.0	13	21	6.2	5.1	1.0	1.5	.38	.73
15	6.8	5.1	7.8	28	12	27	7.7	5.4	1.1	1.0	.50	1.9
16	6.8	5.5	19	21	11	18	8.2	5.0	1.5	.67	.37	2.8
17	6.4	15	8.7	17	13	13	5.9	4.8	2.1	.57	.36	1.1
18	5.8	6.4	6.4	45	14	12	5.3	4.3	1.3	.50	.33	1.1
19	5.4	5.3	6.0	26	16	12	5.2	4.2	1.1	.40	.25	1.4
20	4.9	5.3	5.7	18	18	12	5.2	3.6	1.4	.31	.22	2.4
21	4.7	5.1	5.4	16	15	26	5.0	3.4	1.4	.29	.27	2.6
22	4.6	4.5	5.9	15	12	25	4.9	3.0	1.3	.25	.23	3.7
23	4.5	4.5	5.3	27	11	17	4.6	3.9	1.2	.42	.51	2.5
24	4.4	5.6	9.1	115	10	13	4.4	3.0	1.0	1.2	.75	2.7
25	4.9	5.3	25	47	9.9	12	4.1	2.4	7.7	2.2	1.5	3.2
26	5.4	4.5	17	30	9.9	15	3.5	2.3	5.7	.31	1.5	3.7
27	5.0	5.1	11	24	9.6	14	3.7	2.1	1.8	.21	1.8	7.3
28	4.7	4.3	8.7	22	10	12	6.4	1.9	1.5	.18	1.0	3.9
29	3.1	4.2	7.8	19	--	11	6.1	1.8	1.3	.16	.58	6.9
30	2.7	4.1	7.3	17	--	10	73	1.6	1.4	.15	.49	2.4
31	2.3	--	6.5	16	--	9.7	--	1.6	--	.74	.35	--
TOTAL	231.2	130.8	222.5	714.1	483.4	398.6	322.9	216.8	50.4	25.30	15.18	62.76
MEAN	7.46	4.36	7.18	23.0	17.3	12.9	10.8	6.99	1.68	.82	.49	2.09
MAX	62	15	25	115	56	27	73	39	7.7	2.2	1.8	7.3
MIN	2.3	2.2	3.8	6.0	9.6	7.9	3.5	1.6	1.0	.15	.14	.37
CFSM	.50	.29	.48	1.54	1.15	.86	.72	.47	.11	.05	.03	.14
IN.	.57	.32	.55	1.77	1.20	.99	.80	.54	.12	.06	.04	.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1999, BY WATER YEAR (WY)

MEAN	21.3	14.5	16.0	30.0	28.8	33.5	23.3	13.0	8.58	7.70	6.60	5.59
MAX	114	31.7	33.8	67.7	60.2	63.9	41.8	44.8	19.9	21.7	21.4	11.8
(WY)	1991	1993	1995	1998	1998	1998	1998	1991	1991	1991	1991	1994
MIN	2.65	3.44	5.30	13.8	16.7	12.9	8.55	5.53	1.68	.82	.49	1.96
(WY)	1994	1994	1994	1992	1992	1999	1995	1994	1999	1999	1999	1997

PEE DEE RIVER BASIN

SUMMARY STATISTICS	02131320 LITTLE FORK CREEK AT JEFFERSON, SC--Continued FOR 1998 CALENDAR YEAR			FOR 1999 WATER YEAR	WATER YEARS 1991 - 1999
ANNUAL TOTAL	8781.8		2873.94		
ANNUAL MEAN	24.1		7.87		
HIGHEST ANNUAL MEAN				17.4	
LOWEST ANNUAL MEAN				33.6	1991
HIGHEST DAILY MEAN	371	Mar 19	115	Jan 24	7.87
LOWEST DAILY MEAN	1.2	Sep 28	.14	Aug 1	.14
ANNUAL SEVEN-DAY MINIMUM	1.6	Sep 23	.25	Jul 27	.25
INSTANTANEOUS PEAK FLOW			183	Oct 8	* 2440
INSTANTANEOUS PEAK STAGE			4.00	Oct 8	Oct 11 1990
ANNUAL RUNOFF (CFSM)	1.60		.52		12.83
ANNUAL RUNOFF (INCHES)	21.78		7.13		1.16
10 PERCENT EXCEEDS	51		18		15.73
50 PERCENT EXCEEDS	6.8		4.7		35
90 PERCENT EXCEEDS	2.7		.46		11
					1.8

* From rating curve extended above 1,200 ft³/s.