

## PEE DEE RIVER BASIN

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 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1990 to September 2000 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 300 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 1999 TO SEPTEMBER 2000  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.82	1.5	2.4	2.5	35	11	9.3	5.6	e1.9	1.1	2.1	4.3
2	.58	2.1	2.2	2.5	31	10	9.4	4.8	e1.9	.81	1.8	13
3	.51	2.2	2.1	2.5	29	10	11	11	e1.7	.66	1.2	12
4	1.3	1.8	2.0	2.7	34	12	10	6.3	e1.4	.58	1.3	10
5	1.3	1.8	2.0	2.9	32	13	9.1	4.7	e3.0	.55	1.2	3.5
6	.64	1.4	2.1	3.2	26	11	8.2	4.5	e2.1	.91	.88	2.9
7	.52	1.1	2.0	3.3	23	10	7.6	4.3	e1.8	.69	.48	2.3
8	.47	1.1	2.0	2.8	22	8.8	7.6	4.0	e1.7	.60	.41	2.8
9	.40	1.2	2.1	3.4	20	8.3	7.8	3.7	e1.4	.51	.36	3.1
10	.42	1.3	2.4	27	18	8.0	7.1	3.4	e1.1	.80	.66	2.7
11	.94	1.3	2.3	9.6	16	8.3	6.8	3.2	e1.0	1.1	.44	3.0
12	1.0	1.6	2.2	6.3	20	13	6.2	3.2	e.90	.96	.33	3.4
13	1.3	1.8	2.3	5.2	28	9.9	6.1	3.2	e.81	.96	.25	3.9
14	1.3	1.5	4.0	4.2	48	8.6	7.4	3.0	.66	1.1	.27	4.7
15	1.4	1.4	3.3	4.1	34	8.2	19	2.7	1.7	.82	.53	5.6
16	1.5	1.5	3.0	4.0	23	9.3	17	2.6	1.1	.60	.64	5.4
17	1.9	1.4	2.9	3.5	19	13	12	2.6	.75	.84	.44	5.4
18	.89	1.5	2.9	3.4	19	9.3	12	2.5	.63	.70	.31	6.5
19	.63	1.5	3.8	3.4	18	8.1	9.9	2.5	.81	.66	.17	7.8
20	1.1	1.7	3.6	4.4	16	43	8.2	2.4	1.6	.67	.19	7.4
21	1.9	1.7	2.9	3.4	14	38	7.2	2.4	.84	.60	.31	9.3
22	1.1	1.9	3.3	3.1	12	21	6.3	2.4	7.4	.39	.16	12
23	.81	1.9	2.9	23	12	16	5.6	2.2	1.8	.30	.32	29
24	.71	2.0	2.7	35	11	14	5.9	2.1	.84	.52	.65	12
25	.68	2.2	2.4	43	11	12	9.0	3.1	.65	1.2	.97	14
26	.76	7.1	2.4	25	10	14	7.5	e3.2	.61	1.1	2.9	22
27	.71	5.2	2.8	15	11	15	6.6	e3.4	.61	.95	1.2	16
28	.76	2.7	2.7	11	16	18	6.1	e3.1	.54	1.1	1.7	15
29	.82	2.3	2.5	9.5	13	13	6.0	e2.6	5.9	.99	1.9	14
30	.80	2.2	2.5	21	---	11	5.6	e2.2	2.7	.82	2.8	11
31	.95	---	2.5	34	---	10	---	e1.9	---	.73	5.1	---
TOTAL	28.92	59.9	81.2	323.9	621	414.8	257.5	108.8	49.85	24.32	31.97	264.0
MEAN	.93	2.00	2.62	10.4	21.4	13.4	8.58	3.51	1.66	.78	1.03	8.80
MAX	1.9	7.1	4.0	43	48	43	19	11	7.4	1.2	5.1	29
MIN	.40	1.1	2.0	2.5	10	8.0	5.6	1.9	.54	.30	.16	2.3
CFSM	.06	.13	.17	.70	1.43	.89	.57	.23	.11	.05	.07	.59
IN.	.07	.15	.20	.80	1.54	1.03	.64	.27	.12	.06	.08	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2000, BY WATER YEAR (WY)

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000		
MEAN	19.3	13.2	14.7	28.1	28.1	31.5	21.8	12.0	7.89	7.01	6.05	5.91
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	.93	2.00	2.62	10.4	16.7	12.9	8.55	3.51	1.66	.78	.49	1.96
(WY)	2000	2000	2000	2000	1992	1999	1995	2000	2000	2000	1999	1997

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1991 - 2000	
ANNUAL TOTAL	2459.46		2266.16			
ANNUAL MEAN	6.74		6.19		16.2	
HIGHEST ANNUAL MEAN					33.6	
LOWEST ANNUAL MEAN					6.19	
HIGHEST DAILY MEAN	115	Jan 24	48	Feb 14	1400	Oct 11 1990
LOWEST DAILY MEAN	.14	Aug 1	.16	Aug 22	.14	Aug 1 1999
ANNUAL SEVEN-DAY MINIMUM	.25	Jul 27	.27	Aug 17	.25	Jul 27 1999
INSTANTANEOUS PEAK FLOW			83	Mar 20	a 2440	Oct 11 1990
INSTANTANEOUS PEAK STAGE			2.98	Mar 20	12.83	Oct 11 1990
ANNUAL RUNOFF (CFSM)	.45		.41		1.08	
ANNUAL RUNOFF (INCHES)	6.10		5.62		14.72	
10 PERCENT EXCEEDS	17		16		33	
50 PERCENT EXCEEDS	2.3		2.7		9.6	
90 PERCENT EXCEEDS	.43		.64		1.5	

a From rating curve extended above 1,200 ft<sup>3</sup>/s.

e Estimated

