

## MINNESOTA RIVER BASIN--Continued

05320270 LITTLE COBB RIVER NEAR BEAUFORD, MN

LOCATION.--Lat 43°59'48", long 93°54'30", in SE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 11, T.106 N., R.26 W., Blue Earth County, Hydrologic Unit 07020011, on left bank at downstream end of bridge on County Road No. 16, 1.6 mi upstream from mouth, 2.6 mi east of Beauford, and 5.3 mi northeast of Mapleton.

DRAINAGE AREA.--130 mi<sup>2</sup>.

PERIOD OF RECORD.--April 1996 to September 30, 1999, June 2001 to current year.

REVISED RECORDS.-- WDR MN-99-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 980 ft above sea level (from topographic map).

REMARKS.--Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height observed, 12.17 ft, on April 5, 2001, discharge 2220 ft<sup>3</sup>/s (from highwater mark).

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	---	---	---	---	---	---	---	---	---	88	18	.38
2	---	---	---	---	---	---	---	---	---	69	18	.28
3	---	---	---	---	---	---	---	---	---	59	16	.12
4	---	---	---	---	---	---	---	---	---	51	14	.03
5	---	---	---	---	---	---	---	---	---	43	11	.00
6	---	---	---	---	---	---	---	---	---	37	9.3	.00
7	---	---	---	---	---	---	---	---	---	32	7.7	.00
8	---	---	---	---	---	---	---	---	---	28	6.1	.00
9	---	---	---	---	---	---	---	---	---	25	4.9	.00
10	---	---	---	---	---	---	---	---	---	22	4.3	.00
11	---	---	---	---	---	---	---	---	---	18	3.6	.00
12	---	---	---	---	---	---	---	---	---	14	3.2	.00
13	---	---	---	---	---	---	---	---	---	10	2.8	.00
14	---	---	---	---	---	---	---	---	---	7.6	2.3	.00
15	---	---	---	---	---	---	---	---	---	5.6	2.8	.00
16	---	---	---	---	---	---	---	---	---	4.1	2.8	.00
17	---	---	---	---	---	---	---	---	---	2.9	2.1	.00
18	---	---	---	---	---	---	---	---	---	2.0	4.4	.00
19	---	---	---	---	---	---	---	---	---	1.5	3.1	.00
20	---	---	---	---	---	---	---	---	---	1.3	2.2	.00
21	---	---	---	---	---	---	---	---	---	1.6	1.7	.00
22	---	---	---	---	---	---	---	---	---	4.8	2.0	.00
23	---	---	---	---	---	---	---	---	---	20	1.7	.00
24	---	---	---	---	---	---	---	---	---	41	1.2	.00
25	---	---	---	---	---	---	---	---	---	41	1.6	.00
26	---	---	---	---	---	---	---	---	---	37	1.7	.00
27	---	---	---	---	---	---	---	---	---	33	1.6	.00
28	---	---	---	---	---	---	---	---	---	173	.99	.00
29	---	---	---	---	---	---	---	---	---	148	.57	.00
30	---	---	---	---	---	---	---	---	---	115	.67	.00
31	---	---	---	---	---	---	---	---	---	20	.43	---
TOTAL	---	---	---	---	---	---	---	---	---	797.4	152.76	0.81
MEAN	---	---	---	---	---	---	---	---	---	25.7	4.93	.027
MAX	---	---	---	---	---	---	---	---	---	88	18	.38
MIN	---	---	---	---	---	---	---	---	---	1.3	.43	.00
AC-FT	---	---	---	---	---	---	---	---	---	1580	303	1.6
CFSM	---	---	---	---	---	---	---	---	---	.20	.04	.00
IN.	---	---	---	---	---	---	---	---	---	.23	.04	.00

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STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2001, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	12.9	36.2	18.1	7.65	40.4	152	240	162	140	85.4	27.2	6.14
MAX	23.2	89.7	54.0	18.2	58.2	278	410	341	217	150	58.0	17.2
(WY)	1998	1997	1997	1997	1999	1997	1999	1999	1999	1999	1999	1997
MIN	.22	1.55	1.46	.49	18.4	64.6	119	77.3	83.1	25.7	4.34	.027
(WY)	2000	2000	2000	1999	1997	1999	1996	1996	1998	2001	1998	2001

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1996 - 2001

ANNUAL MEAN										88.3		
HIGHEST ANNUAL MEAN										114		1999
LOWEST ANNUAL MEAN										68.1		1998
HIGHEST DAILY MEAN				177	Feb 28		173	Jun 28		811		Apr 12 1999
LOWEST DAILY MEAN				.19	Feb 13		.00	Sep 5-30		.00a		Sep 6 1998
ANNUAL SEVEN-DAY MINIMUM				.22	Feb 12		.00	Sep 5		.00		Sep 12 1998
MAXIMUM PEAK FLOW							191b	Jun 27		852		Apr 12 1999
MAXIMUM PEAK STAGE							7.24b	Jun 27		11.38		Mar 14 1997
INSTANTANEOUS LOW FLOW							.00	Sep 5		.00a		Sep 5 1998
ANNUAL RUNOFF (AC-FT)										63960		
ANNUAL RUNOFF (CFSM)										.68		
ANNUAL RUNOFF (INCHES)										9.23		
10 PERCENT EXCEEDS				64			41			188		
50 PERCENT EXCEEDS				.71			2.3			25		
90 PERCENT EXCEEDS				.25			.00			.45		

a Many days, several years.  
 b Falling stage.

