

05125000 SOUTH KAWISHIWI RIVER NEAR ELY, MN

LOCATION.--Lat 47°50'24", long 91°41'43", in NE $\frac{1}{4}$ WW $\frac{1}{4}$ sec. 23, T.62 N., R.11 W., Lake County, Hydrologic Unit 09030001, on left bank 5 mi upstream from Birch Lake and 9 mi southeast of Ely.

DRAINAGE AREA.--

PERIOD OF RECORD.--October 1951 to September 1961, April 1976 to September 1978, May 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1430 ft above mean sea level (from topographic map).

REMARKS.--Records good.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	485	434	560	476	161
2	---	---	---	---	---	---	---	468	418	581	489	158
3	---	---	---	---	---	---	---	442	407	592	501	154
4	---	---	---	---	---	---	---	409	396	592	478	151
5	---	---	---	---	---	---	---	381	386	591	457	146
6	---	---	---	---	---	---	---	353	376	594	435	143
7	---	---	---	---	---	---	---	332	361	606	422	140
8	---	---	---	---	---	---	---	319	350	597	400	137
9	---	---	---	---	---	---	---	316	346	607	387	132
10	---	---	---	---	---	---	---	314	355	663	369	129
11	---	---	---	---	---	---	---	309	357	694	345	126
12	---	---	---	---	---	---	---	299	357	712	322	152
13	---	---	---	---	---	---	---	295	359	733	308	149
14	---	---	---	---	---	---	---	297	353	748	292	139
15	---	---	---	---	---	---	---	300	341	782	280	132
16	---	---	---	---	---	---	---	304	325	770	267	127
17	---	---	---	---	---	---	---	310	336	759	253	122
18	---	---	---	---	---	---	---	314	352	734	238	126
19	---	---	---	---	---	---	---	341	338	708	226	186
20	---	---	---	---	---	---	---	387	332	693	219	208
21	---	---	---	---	---	---	---	393	339	661	223	192
22	---	---	---	---	---	---	---	412	350	635	214	191
23	---	---	---	---	---	---	---	435	384	616	208	193
24	---	---	---	---	---	---	389	452	418	599	205	202
25	---	---	---	---	---	---	425	464	448	586	196	220
26	---	---	---	---	---	---	472	466	508	577	191	241
27	---	---	---	---	---	---	496	462	513	561	183	272
28	---	---	---	---	---	---	506	468	524	540	180	290
29	---	---	---	---	---	---	505	447	545	519	178	296
30	---	---	---	---	---	---	498	454	557	516	171	300
31	---	---	---	---	---	---	---	454	---	498	164	---
TOTAL	---	---	---	---	---	---	---	11,882	11,865	19,624	9,277	5,315
MEAN	---	---	---	---	---	---	---	383	396	633	299	177
MAX	---	---	---	---	---	---	---	485	557	782	501	300
MIN	---	---	---	---	---	---	---	295	325	498	164	122
AC-FT	---	---	---	---	---	---	---	23,570	23,530	38,920	18,400	10,540

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2003, BY WATER YEAR (WY)

MEAN	402	299	237	175	132	115	693	1,247	756	454	291	384
MAX	1,733	757	456	295	179	150	2,278	3,141	1,440	885	1,125	1,099
(WY)	(1978)	(1978)	(1952)	(1978)	(1957)	(1953)	(1976)	(1954)	(1978)	(1952)	(1952)	(1977)
MIN	36.0	49.0	45.8	37.1	33.5	57.4	130	179	290	152	80.7	45.0
(WY)	(1961)	(1977)	(1977)	(1977)	(1977)	(1977)	(1977)	(1977)	(1958)	(1958)	(1961)	(1976)

05125000 SOUTH KAWISHIWI RIVER NEAR ELY, MN—Continued

SUMMARY STATISTICS	FOR 2003 WATER YEAR		WATER YEARS 1905-2003	
ANNUAL MEAN			440	
HIGHEST ANNUAL MEAN			673	1978
LOWEST ANNUAL MEAN			233	1958
HIGHEST DAILY MEAN			5110	May 5 1954
LOWEST DAILY MEAN	122	Sep 17	27	Oct 10 1960
ANNUAL SEVEN-DAY MINIMUM			29	Oct 6 1960
MAXIMUM PEAK FLOW	788	Jul 14	5130	May 4 1954
MAXIMUM PEAK STAGE	3.79	Jul 14	7.25	May 4 1954
INSTANTANEOUS LOW FLOW	16	Sep 18	25	Oct 12 1960
ANNUAL RUNOFF (AC-FT)			318,700	
10 PERCENT EXCEEDS			1,080	
50 PERCENT EXCEEDS			228	
90 PERCENT EXCEEDS			99	

