

05284310 SEGUCHIE CREEK ABOVE MOUTH NEAR GARRISON, MN

LOCATION.--Lat 46°15'13", long 93°49'16", in NE<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub> sec. 36, T.44 N.,R.28 W., Crow Wing County, Hydrologic Unit 07010207, on right bank,0.1 miles upstream from U.S. Highway 169 and 3 miles south of Garrison.

DRAINAGE AREA.--17.3 mi<sup>2</sup>.

PERIOD OF RECORD.--May 2004 to current year.

GAGE.--Water-stage recorder.

REMARKS.--Records fair except those for estimated daily discharge, which are poor. Some natural regulation from Holt Lake and other lakes upstream.

DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	14	2.9	1.2	e4.2
2	---	---	---	---	---	---	---	---	13	2.6	1.4	6.2
3	---	---	---	---	---	---	---	---	13	2.5	1.6	5.8
4	---	---	---	---	---	---	---	---	12	3.1	1.5	5.1
5	---	---	---	---	---	---	---	---	12	3.5	1.3	5.7
6	---	---	---	---	---	---	---	---	12	3.7	1.1	8.0
7	---	---	---	---	---	---	---	---	12	3.7	1.0	7.9
8	---	---	---	---	---	---	---	---	12	3.4	0.67	7.2
9	---	---	---	---	---	---	---	---	11	3.0	0.45	6.5
10	---	---	---	---	---	---	---	---	10	2.6	0.34	6.2
11	---	---	---	---	---	---	---	---	9.5	5.0	0.41	6.3
12	---	---	---	---	---	---	---	---	9.1	5.8	0.46	6.3
13	---	---	---	---	---	---	---	---	8.9	5.5	0.47	6.1
14	---	---	---	---	---	---	---	---	8.4	4.9	0.40	5.8
15	---	---	---	---	---	---	---	---	7.7	4.1	0.27	6.9
16	---	---	---	---	---	---	---	---	7.2	3.5	0.21	7.8
17	---	---	---	---	---	---	---	---	6.7	3.1	0.16	7.3
18	---	---	---	---	---	---	---	---	6.1	2.7	0.13	6.8
19	---	---	---	---	---	---	---	---	5.3	2.4	<0.10	6.4
20	---	---	---	---	---	---	---	---	4.6	2.2	<0.10	6.2
21	---	---	---	---	---	---	---	---	4.2	2.0	<0.10	7.2
22	---	---	---	---	---	---	---	---	3.8	1.9	<0.10	8.2
23	---	---	---	---	---	---	---	---	4.1	1.6	<0.10	8.1
24	---	---	---	---	---	---	---	---	4.3	1.4	<0.10	8.1
25	---	---	---	---	---	---	---	---	3.9	e1.0	<0.10	7.6
26	---	---	---	---	---	---	---	---	3.6	e0.75	<0.10	7.1
27	---	---	---	---	---	---	---	9.8	3.5	e0.52	<0.10	6.8
28	---	---	---	---	---	---	---	9.8	3.4	e0.60	<0.10	6.2
29	---	---	---	---	---	---	---	9.9	3.3	e0.85	<0.10	5.7
30	---	---	---	---	---	---	---	11	3.1	e1.2	<0.10	5.2
31	---	---	---	---	---	---	---	13	---	1.3	e1.5	---
TOTAL	---	---	---	---	---	---	---	---	231.7	83.32	15.77	198.9
MEAN	---	---	---	---	---	---	---	---	7.72	2.69	0.51	6.63
MAX	---	---	---	---	---	---	---	---	14	5.8	1.6	8.2
MIN	---	---	---	---	---	---	---	---	3.1	0.52	0.10	4.2
AC-FT	---	---	---	---	---	---	---	---	460	165	31	395

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2004, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	7.72	2.69	0.51	6.63
MAX	---	---	---	---	---	---	---	---	7.72	2.69	0.51	6.63
(WY)	---	---	---	---	---	---	---	---	(2004)	(2004)	(2004)	(2004)
MIN	---	---	---	---	---	---	---	---	7.72	2.69	0.51	6.63
(WY)	---	---	---	---	---	---	---	---	(2004)	(2004)	(2004)	(2004)

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DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.2	5.2	6.4	e3.9	e4.3	e5.5	19	12	18	13	4.2	5.6
2	7.0	3.4	6.4	e3.9	e4.4	e5.5	19	11	17	13	4.3	5.3
3	6.6	2.3	6.4	e3.9	e4.5	e5.5	19	11	17	12	4.3	5.2
4	6.3	1.8	5.8	e3.8	e4.6	e5.4	19	10	18	11	4.9	5.8
5	e6.1	5.6	5.8	e3.8	e4.7	e5.4	19	9.8	22	11	4.7	6.2
6	e6.1	26	5.6	e3.8	e4.8	e5.4	21	9.7	21	10	4.4	7.5
7	e6.1	26	5.6	e3.7	e4.9	e5.3	21	9.2	21	9.8	4.2	7.5
8	e6.1	22	5.5	e3.7	e4.9	e5.3	20	9.2	24	9.1	4.2	7.2
9	e5.5	19	5.5	e3.8	4.9	e5.3	20	9.4	24	8.5	4.6	6.9
10	e3.0	16	6.2	e3.8	e5.0	e5.4	20	11	24	7.9	4.0	6.8
11	e0.86	13	5.9	e3.8	e5.1	5.4	22	10	24	7.4	4.0	6.7
12	e0.50	11	6.2	e3.8	e5.1	e5.4	24	9.2	28	7.2	4.0	8.8
13	e0.80	10	5.5	e3.8	e5.1	e5.3	23	8.9	26	7.8	3.8	14
14	6.5	9.5	e5.1	e3.7	e5.2	e5.2	23	9.2	24	7.6	3.6	14
15	7.2	9.0	e5.0	e3.6	e5.2	e5.2	22	9.0	23	7.2	3.5	13
16	6.2	8.5	e4.8	e3.6	e5.3	e5.1	22	8.5	22	6.9	3.4	13
17	5.2	8.4	e4.7	e3.6	e5.4	e5.1	22	8.3	20	6.3	3.4	12
18	3.6	8.0	e4.7	e3.6	e5.4	e5.1	21	8.9	19	5.5	3.7	11
19	1.4	8.2	e4.6	e3.6	e5.5	e5.1	21	11	17	5.1	3.7	13
20	0.70	8.9	e4.5	e3.8	e5.6	e5.1	20	11	17	4.9	3.7	13
21	0.49	8.5	e4.4	e3.8	e5.6	e5.1	19	10	17	4.7	3.7	12
22	0.41	8.1	e4.4	e3.8	e5.6	e5.1	18	10	16	4.2	3.9	12
23	0.80	8.0	e4.3	e3.8	e5.6	e5.0	17	9.7	15	4.3	3.8	11
24	1.5	7.5	e4.2	e3.9	e5.6	e5.2	16	9.3	15	3.6	3.8	11
25	1.5	7.2	e4.2	e3.9	e5.6	e5.3	15	13	14	4.0	3.8	11
26	1.3	7.1	e4.2	e4.0	e5.6	e5.8	15	20	13	4.1	5.2	13
27	1.1	7.2	e4.1	e4.0	e5.6	6.7	14	19	12	3.9	5.8	12
28	1.1	6.9	e4.1	e4.1	e5.6	7.6	13	20	12	4.6	5.8	12
29	1.9	6.7	e4.1	e4.1	---	9.2	12	20	12	4.8	5.8	11
30	6.4	6.6	e4.0	e4.1	---	16	12	19	13	4.7	5.7	10
31	6.6	---	e4.0	e4.2	---	19	---	18	---	4.4	5.6	---
TOTAL	115.06	295.6	156.2	118.7	144.7	196.0	568	364.3	565	218.5	133.5	297.5
MEAN	3.71	9.85	5.04	3.83	5.17	6.32	18.9	11.8	18.8	7.05	4.31	9.92
MAX	7.2	26	6.4	4.2	5.6	19	24	20	28	13	5.8	14
MIN	0.41	1.8	4.0	3.6	4.3	5.0	12	8.3	12	3.6	3.4	5.2
AC-FT	228	586	310	235	287	389	1,130	723	1,120	433	265	590

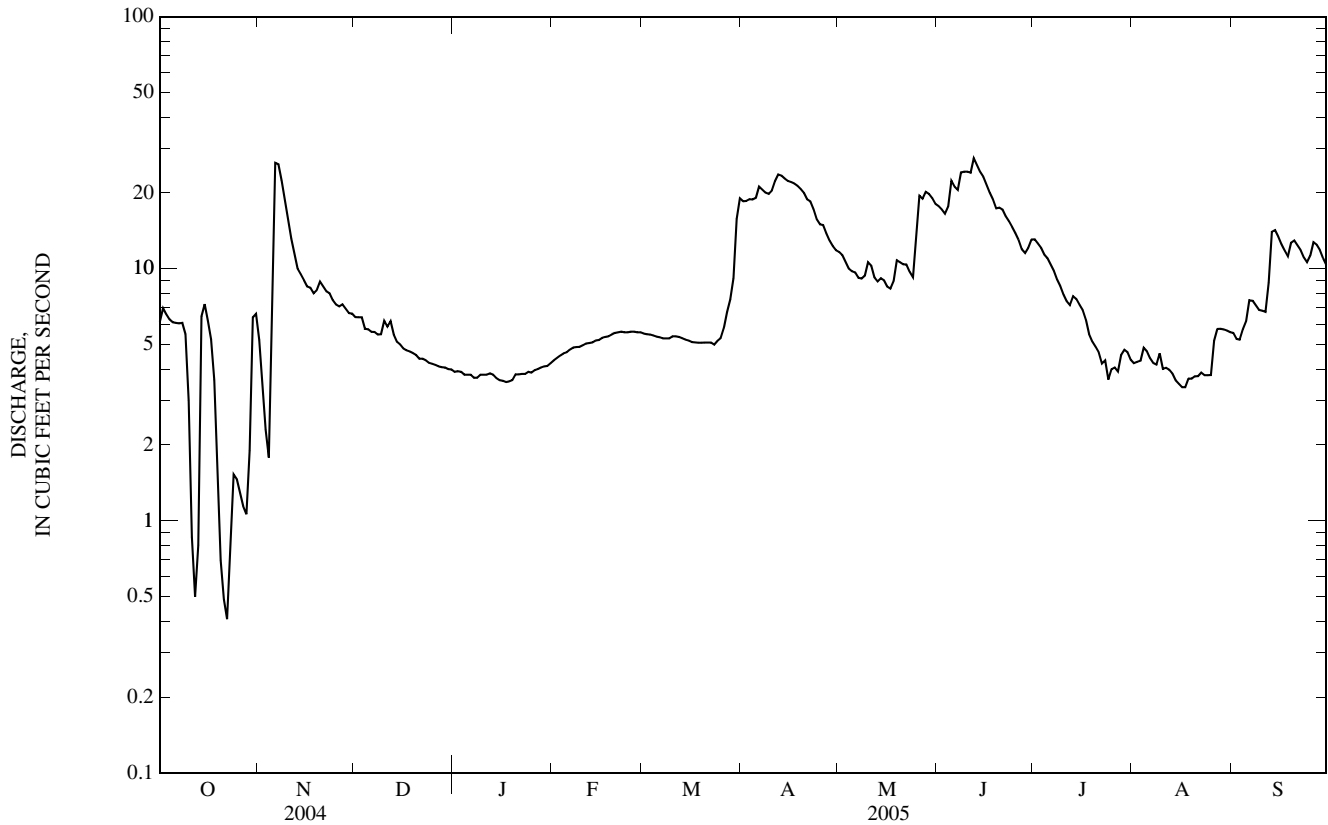
## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	3.71	9.85	5.04	3.83	5.17	6.32	18.9	11.8	13.3	4.87	2.41	8.27
MAX	3.71	9.85	5.04	3.83	5.17	6.32	18.9	11.8	18.8	7.05	4.31	9.92
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)
MIN	3.71	9.85	5.04	3.83	5.17	6.32	18.9	11.8	7.72	2.69	0.51	6.63
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)	(2004)	(2004)

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SUMMARY STATISTICS	FOR 2005 WATER YEAR		WATER YEARS 2004 - 2005	
ANNUAL TOTAL	3,173.06			
ANNUAL MEAN	8.69		8.69	
HIGHEST ANNUAL MEAN			8.69	2005
LOWEST ANNUAL MEAN			8.69	2005
HIGHEST DAILY MEAN	28	Jun 12	28	Jun 12, 2005
LOWEST DAILY MEAN	0.41	Oct 22	<0.10	Aug 19-30, 2004
ANNUAL SEVEN-DAY MINIMUM	0.96	Oct 20	<0.10	Aug 19, 2004
MAXIMUM PEAK FLOW	28	Jun 11	28	Jun 11, 2005
MAXIMUM PEAK STAGE	17.15	Jun 11	17.15	Jun 11, 2005
INSTANTANEOUS LOW FLOW	0.39	Oct 22	<0.10	Aug 25, 2004
ANNUAL RUNOFF (AC-FT)	6,290		6,300	
10 PERCENT EXCEEDS	19		19	
50 PERCENT EXCEEDS	5.9		5.9	
90 PERCENT EXCEEDS	3.8		3.8	

e Estimated.



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