

05330000 MINNESOTA RIVER NEAR JORDAN, MN

LOCATION.--Lat 44°41'35", long 93°38'30", in NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 7, T.114 N., R.23 W., Carver County, Hydrologic Unit 07020012, on right bank 100 ft downstream from bridge on Scott County Highway 9, 1.5 mi northwest of Jordan, and at mile 39.4 upstream from Mississippi River.

DRAINAGE AREA.--16,200 mi² (approximately).

PERIOD OF RECORD.--September 1934 to current year. Prior to Oct. 1, 1966, published as "near Carver, Minn".

REVISED RECORDS.--WSP 955: Drainage area. WSP 1508: 1935. WDR MN-87-2: 1976 (cal. yr. summary).

GAGE.--Water-stage recorder. Datum of gage is 690.00 ft above sea level (NGVD of 1929). Prior to Oct. 1, 1966, water-stage recorder 2.8 mi downstream with auxiliary nonrecording gage at present site and present datum.

REMARKS.--Records good except those for period June 12-21, which are fair, and those for estimated daily discharges, which are fair to poor.

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	463	479	e471	e477	e322	e349	3,280	1,680	16,300	e7,420	e3,370	2,600
2	445	471	e471	e485	e319	e375	3,150	1,640	17,400	e7,060	3,430	2,410
3	443	474	e471	e487	e318	e410	2,960	1,590	18,500	e6,650	3,600	2,230
4	436	501	e471	e489	e317	e478	2,740	1,550	20,300	e6,720	3,720	2,060
5	435	e529	e473	e487	e317	e551	2,550	1,500	21,000	e7,570	4,010	1,910
6	435	557	e476	e482	e316	e683	2,330	1,470	21,700	e7,510	4,310	1,840
7	426	519	e475	e471	e314	e860	2,130	1,420	21,400	e8,410	4,940	1,790
8	414	493	e474	e451	e313	e1,060	1,990	1,390	20,400	e9,010	5,250	1,780
9	412	490	e473	e439	e313	e1,290	1,860	1,380	19,700	e9,230	5,230	1,800
10	404	514	e471	e435	e322	e1,580	1,790	1,600	19,800	e8,560	4,920	1,780
11	414	520	e461	e429	e324	e1,970	1,720	1,620	21,300	8,340	4,480	1,700
12	420	544	e453	e425	e325	e2,320	1,670	1,450	24,000	10,200	4,210	1,610
13	439	532	e447	e425	e325	e2,600	1,610	1,330	26,400	e12,200	3,920	1,510
14	444	563	e440	e423	e325	e2,940	1,570	1,260	27,600	e12,800	3,550	1,480
15	427	595	e437	e423	e324	e3,150	1,540	1,240	27,500	e12,900	3,260	1,640
16	416	e595	e435	e421	e328	e3,220	1,510	1,210	27,400	e12,100	3,050	3,320
17	412	e595	e435	e415	e347	3,230	1,470	1,340	27,100	e10,800	3,080	8,280
18	418	e595	e434	e404	e366	3,240	1,450	1,630	26,800	e9,470	3,150	11,800
19	433	597	e433	e398	e388	3,160	1,480	1,730	25,800	e8,260	3,190	13,900
20	491	594	e429	e396	e396	3,070	1,470	1,920	24,100	e7,180	3,450	15,500
21	505	597	e429	e394	e391	2,990	1,580	2,270	22,700	e6,250	3,360	16,700
22	489	588	e429	e391	e374	3,000	1,650	2,620	20,800	e5,750	3,170	17,800
23	476	595	e429	e390	e350	2,820	1,650	3,320	19,000	e5,380	2,980	18,700
24	487	e561	e429	e388	e326	2,660	1,610	4,710	16,600	e5,460	2,830	18,800
25	490	e532	e428	e386	e307	2,570	1,640	6,410	14,500	e5,910	2,770	18,200
26	495	e507	e429	e384	e304	2,560	1,650	7,810	13,000	e5,860	2,850	17,100
27	496	e486	e427	e384	e306	2,690	1,620	9,230	11,600	e5,300	2,750	e15,500
28	507	e479	e428	e369	e316	2,830	1,660	9,780	10,400	e4,760	2,600	e13,500
29	504	e475	e431	e351	e328	3,090	1,680	9,640	e9,350	e4,360	2,520	11,700
30	515	e473	e445	e335	---	3,230	1,680	10,600	e8,310	e3,900	2,460	10,700
31	511	---	e465	e325	---	3,280	---	14,200	---	e3,550	2,640	---
TOTAL	14,102	16,050	13,899	12,959	9,621	68,256	56,690	110,540	600,760	238,870	109,050	239,640
MEAN	455	535	448	418	332	2,202	1,890	3,566	20,030	7,705	3,518	7,988
MAX	515	597	476	489	396	3,280	3,280	14,200	27,600	12,900	5,250	18,800
MIN	404	471	427	325	304	349	1,450	1,210	8,310	3,550	2,460	1,480
AC-FT	27,970	31,840	27,570	25,700	19,080	135,400	112,400	219,300	1,192,000	473,800	216,300	475,300
CFSM	0.03	0.03	0.03	0.03	0.02	0.14	0.12	0.22	1.24	0.48	0.22	0.49
IN.	0.03	0.04	0.03	0.03	0.02	0.16	0.13	0.25	1.38	0.55	0.25	0.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2004, BY WATER YEAR (WY)

MEAN	2,173	2,125	1,501	926	1,007	5,039	12,650	8,276	8,136	5,973	3,299	2,297
MAX	16,030	9,463	5,216	3,344	3,992	21,170	59,030	31,480	41,460	38,640	25,660	14,460
(WY)	(1969)	(1996)	(1983)	(1992)	(1983)	(1983)	(2001)	(2001)	(1993)	(1993)	(1993)	(1993)
MIN	167	178	158	111	130	322	926	923	633	279	178	183
(WY)	(1935)	(1935)	(1977)	(1940)	(1940)	(1940)	(1959)	(1959)	(1976)	(1936)	(1936)	(1976)

05330000 MINNESOTA RIVER NEAR JORDAN, MN—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1935 - 2004	
ANNUAL TOTAL	1,055,009		1,490,437			
ANNUAL MEAN	2,890		4,072		a4,456	
HIGHEST ANNUAL MEAN					16,910	1993
LOWEST ANNUAL MEAN					687	1940
HIGHEST DAILY MEAN	15,800	May 17	27,600	Jun 14	112,000	Apr 11, 1965
LOWEST DAILY MEAN	404	Oct 10	304	Feb 26	85	Jan 21, 1940
ANNUAL SEVEN-DAY MINIMUM	418	Oct 6	315	Feb 3	89	Jan 20, 1940
MAXIMUM PEAK FLOW			b28,500	Jun 14	117,000	Apr 11, 1965
MAXIMUM PEAK STAGE			25.17	Jun 14	35.07	Apr 12, 1965
INSTANTANEOUS LOW FLOW			c304	Feb 26	79	Nov 17, 1955
ANNUAL RUNOFF (AC-FT)	2,093,000		2,956,000		3,228,000	
ANNUAL RUNOFF (CFSM)	0.178		0.251		0.275	
ANNUAL RUNOFF (INCHES)	2.42		3.42		3.74	
10 PERCENT EXCEEDS	7,310		13,200		11,800	
50 PERCENT EXCEEDS	840		1,580		1,840	
90 PERCENT EXCEEDS	451		388		331	

- a Median of annual mean discharges is 3700 ft³/s.
- b Discharge value rated fair.
- c Estimated daily-mean discharge, backwater from ice.
- e Estimated.

