

05330000 MINNESOTA RIVER NEAR JORDAN, MN

LOCATION.--Lat 44°41'35", long 93°38'30", in NW¹/₄SW¹/₄ 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 estimated daily discharges, which are fair to poor.

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	9,720	4,280	3,700	e1,540	e912	e1,920	9,390	8,290	11,300	9,960	3,890	2,350
2	8,870	5,670	e3,470	e1,580	e960	e1,850	9,490	7,760	10,800	9,650	3,620	2,700
3	8,150	6,360	e3,420	e1,540	e1,040	e1,800	9,530	7,360	10,200	9,320	3,340	2,810
4	7,530	6,520	e3,490	e1,470	e1,120	e1,760	9,540	7,020	9,660	8,970	3,120	2,800
5	7,330	6,350	e3,610	e1,350	e1,210	e1,790	9,030	6,630	9,240	8,710	2,920	2,550
6	7,190	5,950	e3,480	e1,260	e1,300	e1,930	8,310	6,440	9,080	8,410	2,620	2,370
7	e6,840	e5,600	3,250	e1,250	e1,370	e2,210	7,700	6,390	9,880	8,300	2,280	2,300
8	e6,580	e5,300	3,140	e1,270	e1,360	e2,520	7,250	6,560	10,700	8,170	2,060	2,380
9	e6,390	5,060	3,110	e1,300	e1,320	e2,800	6,810	6,760	11,600	7,780	2,000	2,390
10	e6,610	4,880	3,060	e1,350	e1,250	e2,940	6,360	7,740	12,400	7,450	1,970	2,400
11	e6,470	4,700	3,010	e1,380	e1,210	e3,030	6,080	9,020	13,000	7,160	1,920	2,320
12	e5,990	e4,560	3,110	e1,410	e1,230	e2,900	6,670	10,100	13,800	6,880	1,920	2,450
13	5,710	e4,460	e3,150	e1,370	e1,270	e2,760	9,640	11,600	14,400	6,520	1,930	2,630
14	5,490	e4,370	e2,590	e1,250	e1,360	e2,590	12,700	14,700	14,900	6,230	1,890	2,690
15	5,270	e4,250	2,040	e1,090	e1,650	e2,520	14,600	17,200	15,400	5,960	1,840	2,760
16	5,090	e4,070	2,110	e962	e2,150	e2,480	15,800	19,100	15,600	5,790	1,770	3,230
17	4,950	e3,970	e1,940	e863	e3,010	e2,470	16,500	21,000	15,600	5,700	1,690	3,730
18	4,790	3,930	e2,010	e772	e3,910	e2,360	17,300	22,900	15,400	5,530	1,680	3,810
19	4,630	e3,870	e1,920	e680	e4,160	e2,190	17,900	24,200	14,900	5,300	1,910	3,660
20	4,450	e3,830	e1,800	e667	e3,940	e2,210	18,400	23,700	14,400	5,080	2,550	3,400
21	4,330	e3,810	e1,630	e679	e3,350	e2,300	18,200	22,500	14,100	4,980	3,060	3,290
22	4,200	e3,840	e1,500	e679	e2,960	e2,320	17,800	21,600	13,900	e5,050	3,320	3,250
23	4,080	e3,900	e1,400	e644	e2,640	e2,350	16,900	20,900	14,000	e4,930	3,250	3,180
24	3,970	e4,000	e1,350	e640	e2,440	e2,400	15,800	20,200	e13,600	e4,920	3,000	3,030
25	3,920	4,050	e1,350	e657	e2,280	e2,500	14,400	19,400	12,800	4,560	2,670	2,990
26	3,840	4,040	e1,350	e690	e2,160	e2,710	12,900	18,400	12,000	4,340	2,480	4,260
27	3,740	4,060	e1,350	e741	e2,060	e3,110	11,600	17,200	11,300	3,950	2,400	9,040
28	3,630	4,000	e1,360	e789	e1,980	e3,840	10,700	15,500	10,800	3,560	2,370	12,400
29	3,570	3,900	e1,400	e824	---	e5,180	9,790	13,900	10,400	3,480	2,110	14,400
30	3,540	3,830	e1,440	e852	---	e7,200	8,980	12,700	10,100	3,900	2,040	15,800
31	3,600	---	e1,510	e879	---	8,800	---	11,900	---	4,030	2,030	---
TOTAL	170,470	137,410	73,050	32,428	55,602	89,740	356,070	438,670	375,260	194,570	75,650	127,370
MEAN	5,499	4,580	2,356	1,046	1,986	2,895	11,870	14,150	12,510	6,276	2,440	4,246
MAX	9,720	6,520	3,700	1,580	4,160	8,800	18,400	24,200	15,600	9,960	3,890	15,800
MIN	3,540	3,810	1,350	640	912	1,760	6,080	6,390	9,080	3,480	1,680	2,300
AC-FT	338,100	272,600	144,900	64,320	110,300	178,000	706,300	870,100	744,300	385,900	150,100	252,600
CFSM	0.34	0.28	0.15	0.06	0.12	0.18	0.73	0.87	0.77	0.39	0.15	0.26
IN.	0.39	0.32	0.17	0.07	0.13	0.21	0.82	1.01	0.86	0.45	0.17	0.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2005, BY WATER YEAR (WY)

MEAN	2,220	2,159	1,513	928	1,021	5,009	12,640	8,358	8,198	5,978	3,287	2,325
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)

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1935 - 2005	
ANNUAL TOTAL	1,827,316		2,126,290		a4,475	
ANNUAL MEAN	4,993		5,825		16,910	
HIGHEST ANNUAL MEAN					687	
LOWEST ANNUAL MEAN					112,000	
HIGHEST DAILY MEAN	27,600	Jun 14	24,200	May 19	117,000	Apr 11, 1965
LOWEST DAILY MEAN	304	Feb 26	640	Jan 24	85	Jan 21, 1940
ANNUAL SEVEN-DAY MINIMUM	315	Feb 3	664	Jan 19	89	Jan 20, 1940
MAXIMUM PEAK FLOW			24,500	May 19	117,000	Apr 11, 1965
MAXIMUM PEAK STAGE			23.65	May 19	35.07	Apr 12, 1965
INSTANTANEOUS LOW FLOW			b640	Jan 24	79	Nov 17, 1955
ANNUAL RUNOFF (AC-FT)	3,624,000		4,217,000		3,242,000	
ANNUAL RUNOFF (CFSM)	0.308		0.360		0.276	
ANNUAL RUNOFF (INCHES)	4.20		4.88		3.75	
10 PERCENT EXCEEDS	13,200		14,200		11,900	
50 PERCENT EXCEEDS	3,140		3,870		1,880	
90 PERCENT EXCEEDS	388		1,350		337	

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

