

MINNESOTA RIVER BASIN--Continued

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 pier at center downstream side of bridge, 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 poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1230	1170	1010	e600	e500	3870	1900	1690	7250	5330	2790	1040
2	e1160	1130	1000	e610	e500	3680	1940	1660	10100	4930	2740	1010
3	e1170	1120	1020	e620	e500	3180	2050	1660	13200	4810	2640	1000
4	1140	1090	1040	e620	e510	2940	2090	1640	14500	4950	2500	1010
5	1120	1040	1040	e620	e515	2860	2110	1640	15500	4790	2360	991
6	1120	984	1010	e620	e520	3020	2040	1640	16400	4960	2230	968
7	1240	959	1000	e620	e530	3070	2010	1600	16800	5400	2010	922
8	1430	946	986	e620	e540	2900	1980	1610	16600	6040	1980	840
9	1480	958	976	e620	e545	2820	1940	1720	15700	6380	2080	820
10	1400	972	977	e620	e555	2820	1840	1800	14100	6930	2170	826
11	1270	950	988	e620	e565	2860	1750	1730	11900	7710	2110	783
12	1200	952	1000	e610	e575	2890	1650	1910	9850	9490	2290	734
13	1160	976	989	e600	e580	2850	1610	2510	8580	11800	2490	713
14	1110	995	957	e590	e590	2820	1540	2580	7930	13300	2280	702
15	1070	996	e870	e580	e600	2800	1520	2380	7360	14300	2070	e680
16	1080	989	e780	e570	e610	2700	1520	2280	7280	14500	1950	e658
17	1070	996	e720	e560	e625	2610	1510	2310	7780	13600	1830	e636
18	1070	1010	e680	e550	e635	2550	1510	2570	8250	11500	1740	615
19	1080	1030	e700	e545	e640	2480	1540	4540	8260	9300	1690	605
20	1090	1010	e710	e535	e650	2440	1640	8890	8310	7970	1550	594
21	1150	1030	e720	e525	e660	2380	1690	11700	8810	7010	1520	585
22	1180	1030	e710	e515	e700	2330	1760	12900	8670	6260	1480	588
23	1190	1050	e680	e505	e850	2290	1830	13500	7780	5490	1400	585
24	1190	1070	e650	e500	1180	2310	1900	13300	7560	4930	1350	571
25	1190	1080	e630	e500	1620	2320	1890	11500	7650	4460	1290	565
26	1180	1080	e610	e500	2480	2260	1840	9280	7300	4190	1290	553
27	1170	1060	e600	e500	3190	2160	1800	7730	6770	3960	1270	554
28	1150	1040	e600	e500	3360	2080	1770	6820	5960	3740	1250	550
29	1120	1030	e600	e500	3740	2070	1770	6220	6080	3480	1200	534
30	1130	1020	e600	e500	---	2000	1730	6140	5940	3120	1100	533
31	1180	---	e600	e500	---	1930	---	6690	---	2940	1090	---
TOTAL	36520	30763	25453	17475	29065	82290	53670	154140	298170	217570	57740	21765
MEAN	1178	1025	821	564	1002	2655	1789	4972	9939	7018	1863	726
MAX	1480	1170	1040	620	3740	3870	2110	13500	16800	14500	2790	1040
MIN	1070	946	600	500	500	1930	1510	1600	5940	2940	1090	533
AC-FT	72440	61020	50490	34660	57650	163200	106500	305700	591400	431600	114500	43170
CFSM	.07	.06	.05	.03	.06	.16	.11	.31	.61	.43	.11	.04
IN.	.08	.07	.06	.04	.07	.19	.12	.35	.68	.50	.13	.05

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STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2000, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	2218	2178	1522	928	1022	5223	12310	7992	7763	5962	3314	2262
MAX	16030	9463	5216	3344	3992	21170	48210	25510	41460	38640	25660	14460
(WY)	1969	1996	1983	1992	1983	1983	1969	1993	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

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR	WATER YEARS 1935 - 2000
ANNUAL TOTAL	2222476	1024621	
ANNUAL MEAN	6089	2800	4397 ^a
HIGHEST ANNUAL MEAN			16910
LOWEST ANNUAL MEAN			687
HIGHEST DAILY MEAN	25000	Apr 17	112000
LOWEST DAILY MEAN	600	Dec 27	85
ANNUAL SEVEN-DAY MINIMUM	606	Dec 25	89
INSTANTANEOUS PEAK FLOW			16900
INSTANTANEOUS PEAK STAGE			19.54
INSTANTANEOUS LOW FLOW			500 ^b
ANNUAL RUNOFF (AC-FT)	4408000	2032000	3186000
ANNUAL RUNOFF (CFSM)	.38	.17	.27
ANNUAL RUNOFF (INCHES)	5.10	2.35	3.69
10 PERCENT EXCEEDS	17400	7740	11800
50 PERCENT EXCEEDS	3480	1400	1850
90 PERCENT EXCEEDS	1000	580	320

^a Median of annual mean discharges is 3,600 ft³/s.
^b Estimated daily discharge.
^e Estimated.

