

MINNESOTA RIVER BASIN--Continued

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 estimated daily discharges, which are fair to poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	976	908	2200	e1650	e1380	e1500	4540	5930	5320	12200	3280	4310
2	970	901	2150	e1580	e1360	e1580	5510	e6280	5670	10700	3190	3810
3	984	882	2130	e1550	e1320	e1600	6040	6640	6810	9250	3200	3340
4	964	866	2080	e1520	e1320	e1620	6400	6730	10100	7910	4720	3020
5	930	862	2010	e1510	e1310	e1690	6500	6750	13100	6840	5220	2850
6	893	902	1910	e1590	e1300	e1780	6450	6670	14300	6090	4860	2790
7	863	940	1880	e1670	e1300	e1880	6390	6360	14100	5450	5040	2600
8	818	968	1940	e1700	e1310	e1870	6390	6280	12700	4860	5680	2420
9	796	957	2130	e1660	e1310	e1830	6440	6520	11000	4500	6000	2240
10	841	966	2270	e1630	e1300	e1750	6530	6630	e10000	4250	6120	2090
11	888	953	2240	e1620	e1300	e1690	6780	7000	e8400	4050	6000	1940
12	902	957	2240	e1580	e1300	e1680	7060	7460	7970	4050	5530	1830
13	904	975	2260	e1580	e1290	e1680	7350	7770	8520	3950	4980	1740
14	907	976	2320	e1580	e1300	e1700	7700	7960	9450	e3660	4210	1670
15	925	976	2180	e1570	e1310	1730	8220	8070	9570	e3400	3790	1610
16	924	980	2050	e1580	e1320	1880	8280	8140	9080	e3210	3490	1550
17	946	988	2080	e1580	e1340	2090	8460	8130	8180	e3130	3780	1490
18	985	982	2140	e1590	e1360	2300	8560	8040	7270	e2960	3640	1430
19	990	964	2140	e1560	e1380	2600	8470	7880	6780	e2880	3340	1390
20	1000	942	2100	e1500	e1400	2980	8240	7590	6960	2730	3000	1370
21	1010	948	1840	e1470	e1440	e3020	7980	7230	e8100	2570	3490	1330
22	1010	936	1800	e1450	e1520	e2930	7680	6820	e10900	2380	4680	1280
23	1060	943	1710	e1430	e1550	e2750	7380	6390	e13700	2290	5510	1240
24	1070	1030	1670	e1440	e1520	e2700	7100	6010	16500	2250	6570	1190
25	1070	1160	1470	e1440	e1520	e2650	6800	5670	17300	2150	7810	1180
26	1050	1290	1370	e1430	1640	e2500	6590	5280	18200	2190	8290	1250
27	1040	1460	1400	e1420	1450	2530	6390	4970	18100	2510	7690	1300
28	945	1580	1670	e1410	e1390	2550	6230	4720	17300	2560	6910	1340
29	905	1910	1790	e1400	---	2910	6000	4840	15800	2800	5940	1310
30	893	2130	e1750	e1390	---	3100	5940	5500	14000	2960	5270	1270
31	898	---	e1710	e1390	---	3540	---	5370	---	3180	4660	---
TOTAL	29357	32232	60630	47470	38540	68610	208400	205630	335180	133910	155890	58180
MEAN	947	1074	1956	1531	1376	2213	6947	6633	11170	4320	5029	1939
MAX	1070	2130	2320	1700	1640	3540	8560	8140	18200	12200	8290	4310
MIN	796	862	1370	1390	1290	1500	4540	4720	5320	2150	3000	1180
AC-FT	58230	63930	120300	94160	76440	136100	413400	407900	664800	265600	309200	115400
CFSM	0.06	0.07	0.12	0.09	0.08	0.14	0.43	0.41	0.69	0.27	0.31	0.12
IN.	0.07	0.07	0.14	0.11	0.09	0.16	0.48	0.47	0.77	0.31	0.36	0.13

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STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2002, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	2174	2145	1518	934	1021	5118	12920	8318	7992	5955	3321	2239
MAX	16030	9463	5216	3344	3992	21170	59030	31480	41460	38640	25660	14460
(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

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1935 - 2002

ANNUAL TOTAL	3854133	1374029	
ANNUAL MEAN	10560	3764	4477a
HIGHEST ANNUAL MEAN			16910
LOWEST ANNUAL MEAN			687
HIGHEST DAILY MEAN	86200	Apr 18	18200
LOWEST DAILY MEAN	520	Feb 27	796
ANNUAL SEVEN-DAY MINIMUM	527	Feb 24	857
MAXIMUM PEAK FLOW			18300
MAXIMUM PEAK STAGE			20.62
INSTANTANEOUS LOW FLOW			791
ANNUAL RUNOFF (AC-FT)	7645000	2725000	3243000
ANNUAL RUNOFF (CFSM)	0.65	0.23	0.28
ANNUAL RUNOFF (INCHES)	8.85	3.16	3.75
10 PERCENT EXCEEDS	33100	8050	11900
50 PERCENT EXCEEDS	1420	2150	1840
90 PERCENT EXCEEDS	650	973	326

a Median of annual mean discharges is 3,710 ft³/s.
 e Estimated.

