

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 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 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	545	521	1130	e670	e650	e525	4650	68900	22400	13700	e4560	1100
2	544	537	1060	e670	e640	e535	7060	61800	21500	12400	4030	1080
3	534	536	1040	e675	e630	e550	11300	55200	20100	11400	3730	1010
4	524	541	965	e675	e627	e560	14900	49300	18700	10700	3510	972
5	522	553	1040	e680	e627	e580	18100	44400	17100	10200	3170	1040
6	515	625	915	e680	e627	e595	24600	40900	15600	9770	3080	969
7	495	714	861	e680	e627	e615	36700	38500	14500	9290	2920	975
8	485	873	e814	e685	e625	e640	47500	36800	13700	8730	2710	1060
9	483	1030	e806	e690	e622	e660	54700	35800	13200	8220	2600	1010
10	488	1070	e801	e700	e620	e680	59400	34800	12900	7600	2430	984
11	480	1150	e792	e705	e618	e705	61700	33800	12500	6970	2310	1010
12	471	1200	e783	e705	e618	e720	64900	32200	12100	6560	2160	996
13	465	1290	e776	e705	e618	e740	69200	30400	12000	6130	1990	941
14	481	1360	e771	e700	e620	e755	72700	28800	13200	5800	1800	923
15	472	1350	e766	e700	e620	e765	75800	27200	15700	5600	1710	914
16	465	1360	e761	e700	e620	e780	79300	25700	17600	5320	1690	897
17	466	1360	e758	e700	e610	e800	83300	24100	19800	5140	1590	882
18	459	1370	e753	e700	e600	e815	86200	22700	24000	4940	1640	865
19	456	1270	e750	e700	e600	e830	86000	21500	29600	4760	1590	853
20	451	1320	e743	e700	e600	e850	82700	20500	33000	4480	1540	852
21	445	1120	e730	e690	e590	e870	77000	19800	33200	4380	1520	857
22	477	968	e710	e680	e580	e890	71000	19400	31400	4460	1480	892
23	495	1030	e690	e670	e555	e925	68800	19600	28900	4770	1420	936
24	491	1160	e680	e660	e535	e1000	68100	20500	26600	5530	1370	1010
25	497	1200	e670	e655	e530	e1100	67800	21600	24200	6930	1330	1050
26	514	1200	e670	e655	e525	e1250	69600	22700	22000	7360	1300	1120
27	523	1250	e670	e650	e520	e1640	74100	23500	20300	7140	1270	1100
28	496	1210	e670	e650	e520	2350	78900	24100	18900	6600	1210	998
29	488	1210	e675	e655	---	2920	79600	24300	17200	6000	1210	965
30	497	1170	e675	e655	---	3410	75300	23900	15500	e5520	1150	949
31	498	---	e670	e655	---	3880	---	23300	---	e5040	1130	---
TOTAL	15222	31548	24595	21095	16774	33935	1770910	976000	597400	221440	65150	29210
MEAN	491	1052	793	680	599	1095	59030	31480	19910	7143	2102	974
MAX	545	1370	1130	705	650	3880	86200	68900	33200	13700	4560	1120
MIN	445	521	670	650	520	525	4650	19400	12000	4380	1130	852
AC-FT	30190	62580	48780	41840	33270	67310	3513000	1936000	1185000	439200	129200	57940
CFSM	.03	.06	.05	.04	.04	.07	3.64	1.94	1.23	.44	.13	.06
IN.	.03	.07	.06	.05	.04	.08	4.07	2.24	1.37	.51	.15	.07

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STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2001, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	2192	2161	1511	925	1016	5162	13010	8343	7944	5980	3296	2243
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 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1935 - 2001
ANNUAL TOTAL	1003250	3803279	
ANNUAL MEAN	2741	10420	4487a
HIGHEST ANNUAL MEAN			16910
LOWEST ANNUAL MEAN			687
HIGHEST DAILY MEAN	16800	86200	112000
LOWEST DAILY MEAN	445	445	85
ANNUAL SEVEN-DAY MINIMUM	459	459	89
MAXIMUM PEAK FLOW		87100	117000
MAXIMUM PEAK STAGE		33.11	35.07
INSTANTANEOUS LOW FLOW		434	79
ANNUAL RUNOFF (AC-FT)	1990000	7544000	3251000
ANNUAL RUNOFF (CFSM)	.17	.64	.28
ANNUAL RUNOFF (INCHES)	2.30	8.73	3.76
10 PERCENT EXCEEDS	7740	33100	12000
50 PERCENT EXCEEDS	1360	1080	1840
90 PERCENT EXCEEDS	513	535	320

a Median of annual mean discharges is 3700 ft³/s.
 e Estimated.

