

UPPER MISSISSIPPI RIVER MAIN STEM--Continued

05288500 MISSISSIPPI RIVER NEAR ANOKA, MN

LOCATION.--Lat 45°07'36", long 93°17'48", in SW¹/₄ sec. 12, T.119 N., R.21 W., Hennepin County, Hydrologic Unit 07010206, on right bank 0.4 mi downstream from Coon Creek, 1.3 mi downstream from Coon Rapids dam at Coon Rapids, 6.5 mi downstream from Anoka, and at mile 864.8 upstream from Ohio River.

DRAINAGE AREA.--19,100 mi² (approximately).

PERIOD OF RECORD.--June 1931 to current year. Prior to October 1931 published as "at Coon Rapids, near Anoka."

GAGE.--Water-stage recorder. Datum of gage is 804.53 ft above sea level (NGVD of 1929). Prior to June 14, 1932, at site 1.2 mi upstream at different datum.

REMARKS.--Records good except those for estimated days, which are fair. Flow slightly regulated by six reservoirs on headwaters; total usable capacity, 1,640,600 acre-ft. Diurnal regulation caused by Coon Rapids dam 1.3 mi. above station.

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	10200	8460	6830	e5800	e4500	e12600	8540	6510	7080	7740	4910	3520
2	10200	8600	6860	e5800	e4500	e13900	8790	6340	6980	7550	4890	3170
3	10500	8240	7350	e5700	e4450	e14200	8830	5900	6860	7600	4570	3190
4	9920	8410	7440	e5600	e4450	15400	8350	6630	6960	6980	4090	2890
5	9920	8360	7290	e5500	e4450	14200	8170	e6100	7220	6870	3960	3260
6	10000	8240	7100	e5500	e4400	13100	8190	e6000	7100	7030	3810	3080
7	9750	8140	6930	e5400	e4400	12700	7620	e6200	6780	6790	3910	3230
8	9490	7980	6870	e5300	e4400	11900	7910	6500	7050	6580	3700	3280
9	9740	8050	6740	e5200	e4400	12000	8300	6970	6830	8250	3610	3370
10	9570	8080	6320	e5100	e4400	12500	8510	8190	6370	9670	3450	3270
11	9610	8030	6340	e5000	e4350	12600	8110	9660	5970	10400	3270	4050
12	9410	7920	6710	e4900	e4350	12800	7750	11000	5310	9970	3040	3560
13	9570	7700	6190	e4800	e4350	12600	7670	11400	5410	10100	3160	2620
14	9340	7830	6040	e4800	e4300	11300	7940	12100	5390	9980	3080	3360
15	9250	7810	6330	e4800	e4300	10800	8170	11900	5520	9320	3100	3180
16	9430	7440	5530	e4700	e4300	10300	8030	12500	6300	9590	2980	3330
17	8910	7250	e4800	e4700	e4300	9960	7300	12300	6390	8860	2950	3300
18	9120	7210	e4100	e4600	e4350	9150	7490	12200	7010	8650	4340	3060
19	9110	7640	e3400	e4600	e4400	8230	6980	11000	7510	8250	4100	2990
20	9120	7370	e2900	e4600	e4400	8430	7710	10600	8260	7650	3950	3070
21	9140	7290	e2700	e4500	e4400	8490	7570	10200	8940	7200	4080	2870
22	8720	7510	e2800	e4500	e4450	8120	7690	9940	8810	6730	4280	3030
23	8760	7610	e3000	e4500	e4600	7830	7700	9140	9150	6160	4330	2690
24	8940	7770	e3400	e4500	e4800	8040	7620	8690	9040	5720	4490	3250
25	8850	7390	e3700	e4500	e5300	8330	7640	8110	8900	5520	4100	2960
26	9080	7380	e4200	e4500	e6300	8790	7550	7880	8920	5750	3980	2870
27	8500	7410	e4700	e4500	e7400	9450	7540	7390	8810	5610	4050	2940
28	8680	7470	e5100	e4500	e9400	9410	7490	7470	9080	5440	3520	3120
29	8510	7270	e5500	e4500	e10800	10200	7090	7210	8820	5250	3100	3140
30	8740	7050	e5700	e4500	---	9450	6510	7160	8370	5260	3380	2930
31	8740	---	e5800	e4500	---	9430	---	6990	---	5100	2890	---
TOTAL	288820	232910	168670	151900	145200	336210	234760	270180	221140	231570	117070	94580
MEAN	9317	7764	5441	4900	5007	10850	7825	8715	7371	7470	3776	3153
MAX	10500	8600	7440	5800	10800	15400	8830	12500	9150	10400	4910	4050
MIN	8500	7050	2700	4500	4300	7830	6510	5900	5310	5100	2890	2620
AC-FT	572900	462000	334600	301300	288000	666900	465600	535900	438600	459300	232200	187600
CFSM	.49	.41	.28	.26	.26	.57	.41	.46	.39	.39	.20	.17
IN.	.56	.45	.33	.30	.28	.65	.46	.53	.43	.45	.23	.18

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STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 2000, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	6495	6336	4903	4276	4210	7420	17510	14890	11390	8768	6098	5840
MAX	21250	22800	10800	8304	9948	23410	43690	39760	29910	27240	22490	23570
(WY)	1987	1972	1972	1986	1966	1966	1997	1986	1943	1993	1972	1986
MIN	1128	1152	1006	935	1079	1602	3575	2796	1646	1022	715	888
(WY)	1937	1937	1935	1935	1933	1940	1959	1934	1934	1934	1934	1934

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR	FOR 2000 WATER YEAR	WATER YEARS 1931 - 2000
ANNUAL TOTAL	4080910	2493010	
ANNUAL MEAN	11180	6812	8210
HIGHEST ANNUAL MEAN			17750
LOWEST ANNUAL MEAN			1603
HIGHEST DAILY MEAN	44300	May 19	90300
LOWEST DAILY MEAN	2700	Dec 21	602
ANNUAL SEVEN-DAY MINIMUM	3130	Dec 19	646
INSTANTANEOUS PEAK FLOW			91000
INSTANTANEOUS PEAK STAGE			19.53
INSTANTANEOUS LOW FLOW			529 ^b
ANNUAL RUNOFF (AC-FT)	8094000	4945000	5948000
ANNUAL RUNOFF (CFSM)	.59	.36	.43
ANNUAL RUNOFF (INCHES)	7.95	4.86	5.84
10 PERCENT EXCEEDS	18500	9960	17700
50 PERCENT EXCEEDS	9920	6980	5750
90 PERCENT EXCEEDS	5570	3290	2120

^a Backwater from ice.
^b Result of regulation.
^e Estimated.

