

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. Prior to June 14, 1932, at site 1.2 mi upstream at different datum.

REMARKS.--Records good to fair except those for estimated days, which are fair to poor. 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 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2940	9710	10100	e6100	5700	5750	11900	12300	20900	11000	12300	11500
2	3210	10300	10300	e6100	5720	5880	12500	11600	19600	10700	11500	11800
3	2830	9820	10600	e6000	5690	5590	12700	9940	18500	11200	10900	11400
4	2960	9670	10400	e6000	5290	5930	13700	10200	18600	11100	11000	11100
5	3180	9020	10600	e5800	5880	5980	13800	10300	17700	10900	11000	11200
6	3590	9220	10900	e5700	5640	6250	15100	10500	16700	10800	10800	11400
7	3270	9030	10900	e5600	5660	6450	16400	11100	17100	10400	10200	12000
8	3710	8770	10900	e5500	5840	6300	17800	11800	16800	10100	9740	12400
9	3290	8520	10600	e5500	5680	6230	19000	12800	16900	10600	9520	12100
10	3880	9220	10400	e5400	5810	6210	20100	14000	16900	10600	9220	12400
11	3630	9470	9970	e5300	5800	6310	21500	17400	17100	10500	9260	12300
12	4070	9540	10100	e5300	5640	6550	21700	21500	16500	11100	8870	12500
13	4080	8950	10200	e5200	6450	6300	21300	26500	15800	10900	10200	12500
14	3770	9570	9840	e5200	6480	6430	21100	31300	15400	11300	10300	12700
15	4110	8870	10300	e5200	6000	6450	21500	35000	14300	11400	10700	12400
16	4630	9220	9920	e5200	6190	e6570	21500	38300	14100	11500	11900	12800
17	4820	9510	9950	e5200	5940	e7010	20200	41500	13700	11900	12400	12400
18	6120	9220	9140	e5200	5950	e7440	19700	43500	12800	12500	12500	12100
19	6900	9600	7820	e5200	6150	8140	19600	44300	12600	13300	13000	11700
20	7860	9930	5850	e5200	5990	8370	18900	43500	12000	13600	12300	11400
21	8840	9210	e4600	e5200	5870	8660	18800	41500	11600	13700	12400	10500
22	10600	9210	e4000	e5200	6030	9180	18100	39000	10900	13700	14100	10300
23	10300	9840	e4900	e5300	6080	9850	17600	36400	11500	13700	13500	10100
24	10900	9350	e5300	e5300	5790	10200	16900	33700	11200	13500	13400	9620
25	11100	10000	e5700	e5400	5590	10300	16400	31300	11400	13300	13700	9170
26	11200	10400	e5900	e5400	5610	9990	15500	29400	11300	14300	13500	9140
27	11700	9870	e6000	e5500	5730	9600	14900	27800	11700	13400	12900	8870
28	11000	10100	e6200	e5500	5770	10000	14200	26100	11700	12800	12800	9460
29	10700	10200	e6300	e5600	---	10500	13600	24900	11400	12400	12400	9440
30	10300	10200	e6200	e5600	---	11000	13000	23300	10600	12400	11500	9790
31	10200	---	e6200	5680	---	11400	---	21800	---	12400	12000	---
TOTAL	199690	285540	260090	169580	163970	240820	519000	792540	437300	371000	359810	336490
MEAN	6442	9518	8390	5470	5856	7768	17300	25570	14580	11970	11610	11220
MAX	11700	10400	10900	6100	6480	11400	21700	44300	20900	14300	14100	12800
MIN	2830	8520	4000	5200	5290	5590	11900	9940	10600	10100	8870	8870
AC-FT	396100	566400	515900	336400	325200	477700	1029000	1572000	867400	735900	713700	667400
CFSM	.34	.50	.44	.29	.31	.41	.91	1.34	.76	.63	.61	.59
IN.	.39	.56	.51	.33	.32	.47	1.01	1.54	.85	.72	.70	.66

e Estimated

05288500 MISSISSIPPI RIVER NEAR ANOKA, MN--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 1999, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	6454	6315	4895	4267	4198	7370	17650	14980	11450	8787	6132	5879
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 1998 CALENDAR YEAR				FOR 1999 WATER YEAR			WATER YEARS 1931 - 1999		
ANNUAL TOTAL			3313280			4135830						
ANNUAL MEAN			9077			11330			8230			
HIGHEST ANNUAL MEAN									17750			
LOWEST ANNUAL MEAN									1603			
HIGHEST DAILY MEAN			22500			Apr 11			44300			
LOWEST DAILY MEAN			2710			Sep 18			2830			
ANNUAL SEVEN-DAY MINIMUM			2970			Sep 9			3140			
INSTANTANEOUS PEAK FLOW									44500			
INSTANTANEOUS PEAK STAGE									12.15			
INSTANTANEOUS LOW FLOW									19.53			
ANNUAL RUNOFF (AC-FT)			6572000			8203000			5963000			
ANNUAL RUNOFF (CFSM)			.48			.59			.43			
ANNUAL RUNOFF (INCHES)			6.45			8.06			5.85			
10 PERCENT EXCEEDS			16600			18500			17800			
50 PERCENT EXCEEDS			8770			10300			5730			
90 PERCENT EXCEEDS			3630			5360			2100			

a Result of regulation.