

## UPPER MISSISSIPPI RIVER MAIN STEM--Continued

05288500 MISSISSIPPI RIVER NEAR ANOKA, MN

LOCATION.--Lat 45°07'36", long 93°17'48", in SW<sup>1</sup>/<sub>4</sub> 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 mi<sup>2</sup>, 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 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3000	6440	9020	e5150	e4900	e4750	6790	56200	24900	17600	7120	4540
2	3380	6950	8090	e5200	e4810	e4830	7130	52800	24000	16200	7160	4550
3	3090	6910	6970	e5300	e4810	e4900	7750	48700	23200	14900	6830	4700
4	2850	7470	7260	e5440	e4920	e4900	8680	45200	22100	14300	6540	4710
5	3290	7760	6510	e5540	e5080	e4900	10500	42500	21600	13500	6810	4810
6	3180	8900	e5800	e5610	e5160	e4900	11600	40000	20800	12500	6310	4490
7	3360	9800	e4800	e5560	e5130	e4900	14900	38300	20100	11900	6310	4690
8	3440	10200	e5000	e5470	e5060	e4800	23200	36500	19400	11300	6230	4990
9	3370	11100	e5300	e5360	e5020	e4600	32500	34700	18800	11200	6190	5010
10	3340	11500	e5120	e5320	e5020	e4700	40600	33800	18700	10200	5750	4730
11	3300	12000	e4400	e5550	e5020	e4800	45800	32800	19100	9050	5620	4570
12	3450	12200	e4810	e5650	e5000	e4900	52600	31700	19000	8370	5480	4340
13	3480	12500	e5120	e5750	e4980	e4700	59100	30700	19900	8190	5460	4120
14	3530	12500	e5230	e5750	e4960	e5000	63800	29800	20500	8140	5370	4230
15	3710	12700	e5300	e5730	e4940	e5100	65100	28900	25700	7920	5300	3840
16	3580	12600	e5380	e5600	e4910	5230	64000	27600	29100	7370	5520	3940
17	3560	12400	e5450	e5450	e4890	5210	61500	26100	31800	8100	5600	4210
18	3520	12000	e5540	e5360	e4880	5300	58200	24800	34500	8360	5950	3920
19	4020	11600	e5600	e5260	e4900	5490	54300	23600	35600	7230	5560	4230
20	4210	11200	e5580	e5090	e5100	5580	50700	22500	36600	7290	5210	3990
21	4460	9960	e5540	e5000	e4900	5630	48100	22700	36400	7870	5250	4470
22	4520	8830	e5460	e5100	e4900	5810	46400	23200	35200	7880	5280	4390
23	4840	7990	e5400	e5200	e5000	5910	49800	22800	33900	8280	5430	4430
24	4620	8060	e5300	e5100	e5000	5630	54300	22200	31700	8310	5120	4560
25	5030	8600	e5250	e5200	e5000	6170	56900	23800	29500	7540	4970	4030
26	5050	9120	e5230	e5000	e4910	5950	58200	25100	27100	7690	4760	3960
27	4850	9030	e5190	e4900	e4740	6200	61000	26000	25400	6760	4600	4190
28	4870	8520	e5170	e5100	e4670	6470	62700	25900	22700	7360	4490	4550
29	4920	8680	e5160	e4900	---	6410	61800	25800	20800	7630	4290	4340
30	4560	9090	e5160	e4900	---	6270	59300	25700	19200	7260	4710	3880
31	5670	---	e5140	e5000	---	6650	---	25300	---	7060	5120	---
TOTAL	122050	296610	174280	164540	138610	166590	1297250	975700	767300	297260	174340	131410
MEAN	3937	9887	5622	5308	4950	5374	43240	31470	25580	9589	5624	4380
MAX	5670	12700	9020	5750	5160	6650	65100	56200	36600	17600	7160	5010
MIN	2850	6440	4400	4900	4670	4600	6790	22200	18700	6760	4290	3840
AC-FT	242100	588300	345700	326400	274900	330400	2573000	1935000	1522000	589600	345800	260700
CFSM	.21	.52	.29	.28	.26	.28	2.26	1.65	1.34	.50	.29	.23
IN.	.24	.58	.34	.32	.27	.32	2.53	1.90	1.49	.58	.34	.26

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STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 2001, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	6459	6386	4914	4291	4220	7391	17880	15130	11590	8780	6091	5819
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 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1931 - 2001
ANNUAL TOTAL	2395550	4705940	
ANNUAL MEAN	6545	12890	8277
HIGHEST ANNUAL MEAN			17750
LOWEST ANNUAL MEAN			1603
HIGHEST DAILY MEAN	15400	Mar 4	65100
LOWEST DAILY MEAN	2620	Sep 13	2850
ANNUAL SEVEN-DAY MINIMUM	2940	Sep 21	3160
MAXIMUM PEAK FLOW			65600
MAXIMUM PEAK STAGE			15.77
INSTANTANEOUS LOW FLOW			2600a
ANNUAL RUNOFF (AC-FT)	4752000	9334000	5996000
ANNUAL RUNOFF (CFSM)	.34	.68	.43
ANNUAL RUNOFF (INCHES)	4.67	9.17	5.89
10 PERCENT EXCEEDS	10700	33800	17800
50 PERCENT EXCEEDS	5780	5650	5750
90 PERCENT EXCEEDS	3290	4400	2140

a Result of regulation.  
e Estimated.

