

## 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 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4190	5970	6700	e5200	4660	e4820	10200	14400	8370	26500	14200	13500
2	4230	6110	6950	e5310	4780	e4720	e9810	14700	8340	26300	13700	14400
3	3890	5810	7350	e5500	4510	e4670	e9310	14000	8070	25300	13700	15000
4	3860	5590	7740	e5670	4550	e4600	e9060	13400	7780	24000	17700	14700
5	3780	5970	7280	e5850	e4630	e4510	e8810	13500	7190	22300	17900	14300
6	3830	5620	7950	e5960	4640	e4420	e9600	13200	7050	21100	18400	17000
7	3540	5810	8120	e6100	4420	4380	e10400	12700	6960	19700	19100	18600
8	3520	5740	8330	e6130	e4450	4210	11500	13400	7150	18500	18900	17500
9	4000	5520	7540	e6130	e4430	e4070	12300	15900	6600	18900	18500	16600
10	4240	4940	7330	e6190	4360	3930	13200	15800	6760	21400	17600	17000
11	4240	5360	7530	e6210	4320	4230	15300	16800	6620	27300	16600	17000
12	4470	5430	7870	e6170	e4330	4550	17200	17900	6500	29800	15600	16500
13	4740	5660	7980	6150	4320	4690	18900	18500	6330	30100	14600	15700
14	4750	6260	7120	e6210	e4310	4520	20600	18900	6130	28900	14200	15800
15	5350	5860	7370	6140	e4310	4200	22600	19500	5960	28600	13200	15000
16	5520	5430	7460	6070	e4330	4150	23800	19700	5810	27900	12700	14400
17	5730	5770	7460	e5680	e4310	4630	24700	19300	5440	26900	12600	13700
18	5760	5490	8270	e5490	e4480	4870	24400	18900	5170	26300	12300	12500
19	6190	5820	8480	e5330	e4550	4700	23900	17900	5040	24800	12500	12300
20	5870	5390	6810	e5460	e4640	4520	22900	17100	6070	23600	12500	11100
21	5910	5090	6050	5520	e4710	4200	21900	15900	7890	22000	14500	10500
22	5890	5580	5810	5470	e4760	4080	21200	14400	9570	20500	15000	9610
23	5740	5440	5750	5250	e4840	4210	19900	13800	9920	19200	14600	9450
24	6060	5700	4810	5120	e4910	4620	19400	12500	11700	17300	14400	8750
25	6580	6210	e4670	5120	4980	4570	18600	11700	15300	17100	14800	8660
26	6000	6330	e4650	4930	e4890	4540	17300	11200	16900	16000	15700	8970
27	5420	6920	e4700	4990	e4870	4520	16300	10700	20800	15200	15000	8510
28	5510	7010	e4780	5010	e4840	4810	16300	9940	23600	15700	14600	8290
29	6220	6730	e4890	e4950	---	5850	15400	9110	25700	15400	14100	8440
30	6070	6470	e5040	e4910	---	7050	14800	9100	26600	14800	14300	8230
31	6430	---	e5160	e4770	---	9160	---	8210	---	14900	14100	---
TOTAL	157530	175030	207950	172990	128130	147000	499590	452060	301320	686300	467600	392010
MEAN	5082	5834	6708	5580	4576	4742	16650	14580	10040	22140	15080	13070
MAX	6580	7010	8480	6210	4980	9160	24700	19700	26600	30100	19100	18600
MIN	3520	4940	4650	4770	4310	3930	8810	8210	5040	14800	12300	8230
AC-FT	312500	347200	412500	343100	254100	291600	990900	896700	597700	1361000	927500	777600
CFSM	0.27	0.31	0.35	0.29	0.24	0.25	0.87	0.76	0.53	1.16	0.79	0.68
IN.	0.31	0.34	0.41	0.34	0.25	0.29	0.97	0.88	0.59	1.34	0.91	0.76

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STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 2002, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	6439	6379	4939	4309	4225	7354	17860	15120	11570	8965	6216	5920
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 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1931 - 2002
ANNUAL TOTAL	4653510	3787510	
ANNUAL MEAN	12750	10380	8306
HIGHEST ANNUAL MEAN			17750
LOWEST ANNUAL MEAN			1603
HIGHEST DAILY MEAN	65100	30100	90300
LOWEST DAILY MEAN	3520	3520	602
ANNUAL SEVEN-DAY MINIMUM	3770	3770	646
MAXIMUM PEAK FLOW		30500	91000
MAXIMUM PEAK STAGE		9.41	19.53
INSTANTANEOUS LOW FLOW		3380a	529a
ANNUAL RUNOFF (AC-FT)	9230000	7513000	6017000
ANNUAL RUNOFF (CFM)	0.67	0.54	0.43
ANNUAL RUNOFF (INCHES)	9.06	7.38	5.91
10 PERCENT EXCEEDS	33800	19400	17900
50 PERCENT EXCEEDS	5820	7330	5800
90 PERCENT EXCEEDS	4570	4510	2190

a Due in part to regulation.  
e Estimated.

