05288500 MISSISSIPPI RIVER NEAR ANOKA, MN

LOCATION.--Lat 45°07'36", long 93°17'48", in SW¼ 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^2, 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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8,290	11,500	6,110	5,760	e3,800	3,530	7,020	14,400	11,900	28,600	7,960	2,910
2	7,790	11,200	6,910	5,590	e3,800	3,290	7,070	13,100	11,100	27,800	7,460	2,670
3	7,450	11,400	5,910	5,830	e3,600	3,220	6,840	12,200	10,700	27,500	7,330	2,550
4	8,410	10,800	5,740	5,690	e3,400	e3,100	7,030	11,500	10,100	28,000	7,050	2,700
5	9,960	10,800	e5,300	6,280	e3,300	e3,000	6,730	10,700	9,790	28,400	7,020	2,560
6	11,200	10,500	e5,800	5,790	e3,400	e3,050	5,820	10,800	9,780	26,800	6,890	2,710
7	12,700	10,500	e6,400	5,600	e3,500	e3,100	6,010	11,200	9,670	25,200	6,760	2,500
8	14,000	10,500	6,110	5,830	e3,600	3,160	6,390	11,000	9,340	24,600	6,520	2,510
9	15,000	10,100	e5,400	5,950	e3,700	3,030	6,220	12,000	9,390	23,300	6,290	3,040
10	16,100	10,000	e6,100	5,280	e3,700	3,440	5,950	13,000	9,880	22,000	6,040	2,570
11	15,600	10,100	e6,600	e4,400	e3,700	3,670	6,040	15,800	10,200	20,800	5,760	2,690
12	16,300	9,950	6,980	e4,500	e3,700	3,180	5,820	18,100	11,100	20,500	5,550	4,200
13	17,600	10,100	6,740	e4,600	e3,600	3,120	5,740	18,500	11,100	19,900	4,890	3,920
14	16,400	9,660	6,890	e4,650	e3,600	3,300	5,350	19,100	11,200	19,500	5,060	4,000
15	15,900	9,620	7,100	e4,700	e3,600	3,490	5,600	19,300	11,100	19,900	5,080	3,830
16	16,100	9,280	6,340	e4,600	e3,600	4,210	6,600	18,700	10,300	19,000	4,700	3,720
17	15,300	9,100	6,240	e4,600	e3,600	5,010	9,500	18,200	9,810	17,900	4,610	3,600
18	15,200	8,520	7,040	e4,500	e3,700	5,670	12,100	17,900	9,680	16,900	4,520	3,290
19	14,500	8,980	7,110	e4,400	e3,700	6,450	13,000	17,700	9,160	15,900	4,090	3,590
20	13,500	8,880	6,900	e4,400	e3,700	7,020	15,900	19,100	8,200	15,200	3,990	3,670
21	13,800	9,100	6,190	e4,300	e3,800	7,490	18,100	19,100	7,650	14,300	3,680	3,240
22	13,900	9,160	6,250	e4,100	e3,800	7,530	20,100	19,000	7,050	13,400	3,680	3,140
23	13,000	8,900	5,470	e3,900	e3,700	7,910	21,200	19,200	7,200	12,900	3,430	3,460
24	12,800	8,820	5,500	e3,800	e3,200	8,730	22,000	18,900	10,100	12,000	3,190	3,310
25	12,500	7,910	5,940	e4,000	e3,000	9,080	22,100	18,000	20,100	11,000	3,120	3,150
26	12,300	7,280	6,170	e4,100	e3,100	9,110	21,500	17,300	23,100	10,500	3,200	3,140
27	11,800	6,900	6,070	e4,000	e3,700	9,120	20,500	16,400	25,000	10,200	3,050	2,920
28	11,800	6,720	6,090	e4,000	4,080	8,960	19,100	15,300	26,600	9,460	3,070	3,050
29	11,600	6,860	6,210	e4,000	---	8,020	17,500	14,400	28,200	9,180	2,910	2,960
30	12,000	6,890	6,270	e3,900	---	7,690	16,000	13,700	29,200	8,410	2,800	2,980
31	11,700	---	5,700	e3,900	---	7,240	---	12,700	---	8,290	2,750	---
TOTAL	404,500	280,030	193,580	146,950	100,680	167,920	348,830	486,300	387,700	567,340	152,450	94,580
MEAN	13,050	9,334	6,245	4,740	3,596	5,417	11,630	15,690	12,920	18,300	4,918	3,153
MAX	17,600	11,500	7,110	6,280	4,080	9,120	22,100	19,300	29,200	28,600	7,960	4,200
MIN	7,450	6,720	5,300	3,800	3,000	3,000	5,350	10,700	7,050	8,290	2,750	2,500
AC-FT	802,300	555,400	384,000	291,500	199,700	333,100	691,900	964,600	769,000	1,125,000	302,400	187,600
CFSM	0.68	0.49	0.33	0.25	0.19	0.28	0.61	0.82	0.68	0.96	0.26	0.17
IN.	0.79	0.55	0.38	0.29	0.20	0.33	0.68	0.95	0.76	1.10	0.30	0.18

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 2003, BY WATER YEAR (WY)

MEAN	6,531	6,420	4,957	4,315	4,216	7,327	17,780	15,130	11,590	9,093	6,198	5,882
MAX	21,250	22,800	10,800	8,304	9,948	23,410	43,690	39,760	29,910	27,240	22,490	23,570
(WY)	(1987)	(1972)	(1972)	(1986)	(1966)	(1966)	(1997)	(1986)	(1943)	(1993)	(1972)	(1986)
MIN	1,128	1,152	1,006	935	1,079	1,602	3,575	2,796	1,646	1,022	715	888
(WY)	(1937)	(1937)	(1935)	(1935)	(1933)	(1940)	(1959)	(1934)	(1934)	(1934)	(1934)	(1934)

05288500 MISSISSIPPI RIVER NEAR ANOKA, MN—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1931 - 2003	
ANNUAL TOTAL	4,125,110		3,330,860			
ANNUAL MEAN	11,300		9,126		8,318	
HIGHEST ANNUAL MEAN					17,750	1986
LOWEST ANNUAL MEAN					1,603	1934
HIGHEST DAILY MEAN	30,100	Jul 13	29,200	Jun 30	90,300	Apr 17, 1965
LOWEST DAILY MEAN	3,930	Mar 10	2,500	Sep 7	602	Sep 10, 1934
ANNUAL SEVEN-DAY MINIMUM	4,250	Mar 5	2,600	Sep 2	646	Aug 26, 1934
MAXIMUM PEAK FLOW			29,400	Jun 30	91,000	Apr 17, 1965
MAXIMUM PEAK STAGE			9.20	Jun 30	19.53	Apr 17, 1965
INSTANTANEOUS LOW FLOW			a2,070	Sep 10	a529	Aug 29, 1976
ANNUAL RUNOFF (AC-FT)	8,182,000		6,607,000		6,026,000	
ANNUAL RUNOFF (CFSM)	0.59		0.48		0.44	
ANNUAL RUNOFF (INCHES)	8.03		6.49		5.92	
10 PERCENT EXCEEDS	19,400		18,800		17,900	
50 PERCENT EXCEEDS	9,940		7,030		5,800	
90 PERCENT EXCEEDS	4,630		3,200		2,200	

a Due in part to regulation.
e Estimated.