05288500 MISSISSIPPI RIVER NEAR ANOKA, MN

LOCATION.--Lat 45°07'36", long 93°17'48", in SW$^1/_4$ 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 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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,590	3,590	3,830	e2,930	e2,520	3,320	12,600	7,910	15,700	6,790	3,660	2,450
2	2,830	3,580	3,880	e3,140	e2,480	3,570	12,700	7,560	16,000	6,350	3,510	2,330
3	2,670	3,310	3,860	e3,230	e2,260	3,680	12,800	7,120	16,500	6,500	4,000	2,050
4	2,730	3,640	e3,940	e2,920	e2,420	3,870	12,100	7,010	17,300	6,030	3,610	2,050
5	2,660	3,630	4,070	e2,630	e2,630	4,010	11,600	6,720	17,900	5,730	3,580	2,630
6	2,530	3,870	4,130	e2,370	e2,710	4,090	11,800	6,510	19,000	6,000	3,520	3,140
7	2,600	3,470	3,910	e2,540	e2,690	4,350	11,300	6,510	18,500	6,520	3,480	4,780
8	2,650	2,920	3,830	e2,950	e2,610	3,930	10,400	5,930	17,800	6,560	3,550	4,960
9	2,650	2,770	4,020	e3,040	e2,670	4,480	10,200	5,690	18,300	6,600	3,210	4,230
10	2,740	2,870	3,530	e3,180	e2,740	4,410	10,500	5,370	18,100	6,640	3,080	4,940
11	2,680	2,720	e1,800	e3,380	e2,760	4,540	10,200	5,680	17,700	7,590	3,210	5,420
12	2,910	3,200	e1,720	e3,310	e2,780	3,970	9,810	4,940	18,500	8,040	3,070	5,550
13	2,770	3,760	e2,100	e2,990	e2,800	4,360	9,800	5,200	18,500	7,900	2,970	5,080
14	2,940	3,870	e3,100	e2,900	e2,810	5,010	9,300	4,920	17,900	8,170	3,150	5,550
15	2,850	3,760	e3,830	e2,840	e2,640	4,680	9,190	4,570	17,800	7,960	3,050	6,170
16	2,360	3,480	3,820	e2,930	e2,680	4,760	8,750	4,690	17,600	8,740	2,900	5,940
17	2,230	3,730	3,120	e2,990	e2,690	4,810	8,270	6,550	17,100	8,180	2,790	5,930
18	3,020	4,060	e3,340	e2,520	e2,740	4,890	8,230	7,150	16,700	7,700	2,710	6,480
19	3,080	4,050	3,400	e2,040	2,910	5,200	8,470	7,510	15,800	7,180	2,770	6,850
20	3,520	4,100	3,530	e2,200	2,830	5,730	7,890	7,540	14,600	6,840	2,700	7,330
21	3,510	4,100	3,700	e2,280	2,660	6,110	8,570	8,410	13,800	6,430	2,570	7,770
22	3,140	3,910	3,790	e2,400	2,650	6,500	9,560	8,330	12,500	5,910	2,200	8,470
23	2,880	3,820	3,790	e2,520	2,820	6,600	9,970	8,770	11,900	5,760	2,130	8,710
24	2,930	3,450	3,620	e2,570	2,810	6,860	10,000	10,100	11,000	5,290	2,350	9,600
25	2,660	2,810	3,480	e2,720	2,780	7,620	10,400	10,200	9,720	4,810	2,150	9,720
26	3,000	e2,400	3,600	e2,710	2,840	7,790	10,200	9,900	9,260	4,050	2,630	10,100
27	3,000	2,580	3,800	e2,870	2,850	8,660	9,670	11,100	8,810	4,160	2,990	10,500
28	2,960	2,480	4,020	e2,650	2,940	9,950	9,230	11,800	8,100	4,320	2,720	10,100
29	3,170	3,210	3,940	e2,300	3,130	11,400	8,880	12,300	7,570	4,120	2,460	10,200
30	3,070	e3,490	3,510	e2,230	---	12,300	8,460	13,600	7,140	3,720	2,460	9,830
31	3,340	---	e3,310	e2,340	---	12,600	---	15,200	---	3,900	2,410	---
TOTAL	88,670	102,630	109,320	84,620	78,850	184,050	300,850	244,790	447,100	194,490	91,590	188,860
MEAN	2,860	3,421	3,526	2,730	2,719	5,937	10,030	7,896	14,900	6,274	2,955	6,295
MAX	3,520	4,100	4,130	3,380	3,130	12,600	12,800	15,200	19,000	8,740	4,000	10,500
MIN	2,230	2,400	1,720	2,040	2,260	3,320	7,890	4,570	7,140	3,720	2,130	2,050
AC-FT	175,900	203,600	216,800	167,800	156,400	365,100	596,700	485,500	886,800	385,800	181,700	374,600
CFSM	0.15	0.18	0.18	0.14	0.14	0.31	0.53	0.41	0.78	0.33	0.15	0.33
IN.	0.17	0.20	0.21	0.16	0.15	0.36	0.59	0.48	0.87	0.38	0.18	0.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 2004, BY WATER YEAR (WY)

MEAN	6,481	6,378	4,937	4,293	4,195	7,308	17,670	15,030	11,630	9,055	6,155	5,887
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 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1931 - 2004	
ANNUAL TOTAL	2,753,370		2,115,820			
ANNUAL MEAN	7,543		5,781		8,283	
HIGHEST ANNUAL MEAN					17,750	1986
LOWEST ANNUAL MEAN					1,603	1934
HIGHEST DAILY MEAN	29,200	Jun 30	19,000	Jun 6	90,300	Apr 17, 1965
LOWEST DAILY MEAN	1,720	Dec 12	1,720	Dec 12	602	Sep 10, 1934
ANNUAL SEVEN-DAY MINIMUM	2,600	Sep 2	2,320	Aug 29	646	Aug 26, 1934
MAXIMUM PEAK FLOW			19,400	Jun 6	91,000	Apr 17, 1965
MAXIMUM PEAK STAGE			6.94	Jun 6	19.53	Apr 17, 1965
INSTANTANEOUS LOW FLOW			a1,720	Dec 12	b529	Aug 29, 1976
ANNUAL RUNOFF (AC-FT)	5,461,000		4,197,000		6,000,000	
ANNUAL RUNOFF (CFSM)	0.395		0.303		0.434	
ANNUAL RUNOFF (INCHES)	5.36		4.12		5.89	
10 PERCENT EXCEEDS	18,800		11,300		17,800	
50 PERCENT EXCEEDS	4,100		3,910		5,800	
90 PERCENT EXCEEDS	2,860		2,580		2,210	

a Daily-mean discharge, backwater from ice. Due in part to freezeup and regulation.
b Due in part to regulation.
e Estimated.