

05378500 MISSISSIPPI RIVER AT WINONA, MN—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1928 - 2003	
ANNUAL TOTAL	15,381,800		12,293,130		29,610	
ANNUAL MEAN	42,140		33,680		56,850	
HIGHEST ANNUAL MEAN					9,742	
LOWEST ANNUAL MEAN					1934	
HIGHEST DAILY MEAN	124,000	Apr 19	119,000	May 17	264,000	Apr 20, 1965
LOWEST DAILY MEAN	15,900	Dec 7	9,200	Sep 5	2,250	Dec 29, 1933
ANNUAL SEVEN-DAY MINIMUM	17,200	Dec 5	9,900	Sep 3	3,210	Dec 27, 1933
MAXIMUM PEAK FLOW			119,000	May 17	268,000	Apr 19, 1965
MAXIMUM PEAK STAGE			13.11	May 17	a20.77	Apr 19, 1965
INSTANTANEOUS LOW FLOW					b1,940	Dec 12, 1980
ANNUAL RUNOFF (AC-FT)	30,510,000		24,380,000		21,450,000	
ANNUAL RUNOFF (CFSM)	0.71		0.57		0.50	
ANNUAL RUNOFF (INCHES)	9.67		7.72		6.80	
10 PERCENT EXCEEDS	66,100		64,500		60,700	
50 PERCENT EXCEEDS	41,500		28,400		21,400	
90 PERCENT EXCEEDS	18,500		13,000		10,000	

- a From highwater mark.
- b Result of ice jam upstream.
- c Estimated.

