CORPS OF ENGINEERS

U. S. ARMY

MINNESOTA RIVER
DRAINAGE AREA 16,550 SQ. M.

Q 500=201,000 CFS
Q 100=150,000 CFS
Q 50=130,000 CFS
Q 10= 83,000 CFS
Q 5= 64,000 CFS

VERMILLION RIVER
DRAINAGE AREA 215 SQ. M.

Q 500=205,000 CFS
Q 100=151,000 CFS
Q 50=131,000 CFS
Q 10= 84,000 CFS
Q 5= 64,000 CFS

ST. CROIX RIVER
DRAINAGE AREA
7,650 SQ. M.

BIG RIVER
DRAINAGE AREA 45 SQ. M.

Q 500=252,500 CFS
Q 200=217,500 CFS
Q 100=192,500 CFS
Q 50=168,000 CFS
Q 25=144,000 CFS
Q 10=113,500 CFS
Q 5=90,000 CFS
Q 2=58,000 CFS

ELEVATION ABOVE MEAN SEA LEVEL (1912 ADJUSTMENT)

720, 718, 716, 714, 712, 710, 708, 706, 704, 702, 700, 698, 696, 694, 692, 690, 688, 686, 684, 682, 680

DAM NO. 1 TAILWATER M. 847.5 Q=676.22

DAM NO. 2 POOL GAGE M. 815.4
TAILWATER GAGE M. 815.0 Q=600.0

PRESCOTT U. P. R. M. 811.4 Q=669.28

DAM NO. 3 POOL GAGE M. 796.91
TAILWATER GAGE M. 796.61 Q=600.0

DAM NO. 2 POOL 687.2

1965
1969
2001
1997
1993

850	FT. SNELLING BRIDGE (NEW) M. 845.6
848	
846	
844	MINNESOTA RIVER M. 844.0
842	NEW LEXINGTON BRIDGE M. 843.24
840	C. AND N.W. R.R. BRIDGE M. 841.4
838	STATE HIGHWAY 55 BRIDGE M. 840.4
836	ST. PAUL, MINN. M. 840.0
834	WABASHA ST. BRIDGE M. 839.5
832	ROBERT ST. BRIDGE M. 839.2
830	MPLS.-ST. PAUL SANITATION PLANT M. 836.36
828	C.M.& St.P. RAILWAY BRIDGE M. 835.2
826	SOUTH ST. PAUL M. 833.7
824	SO. ST. PAUL G.P. 2 M. 833.7 Q=600.0
822	494 HIGHWAY BRIDGE M. 832.4
820	S. ST. PAUL SANITATION PLANT M. 832.1
818	C.B.& Q. R.R. BRIDGE M. 830.3
816	
814	GREY CLOUD SLOUGH M. 827.6
812	
810	PINE BEND M. 824.5
808	
806	GRAY CLOUD LANDING M. 822.6
804	
802	
800	
798	
796	
794	

MILES ABOVE OHIO RIVER

DAM NO. 2 POOL 687.2

U.S. 61 HWY. BRIDGE M. 813.9	
HASTINGS R.R. BRIDGE M. 813.87	
VERMILLION RIVER M. 813.2	
MINN.-WISC. BOUNDARY M. 812.0	
ST. CROIX RIVER M. 811.4	
DAM NO. 3 POOL M. 804.8	DAM NO. 3 POOL 675.0
BIG RIVER	
DIAMOND BLUFF M. 799.37	

O HIGHWATER MARKS
UNET CALIBRATION

U.S. ARMY CORPS OF ENGINEERS

2003 FLOW FREQUENCY STUDY

APPENDIX B

MISSISSIPPI RIVER
HISTORIC FLOOD PROFILES - 1912 ADJ

ST. PAUL DISTRICT

2, 5, 10, 25, 50, 100, 200 & 500 YEAR FLOOD
&
1965 HISTORIC FLOOD

RIVER MILES 796.8 TO 847.5

PLATE # 3