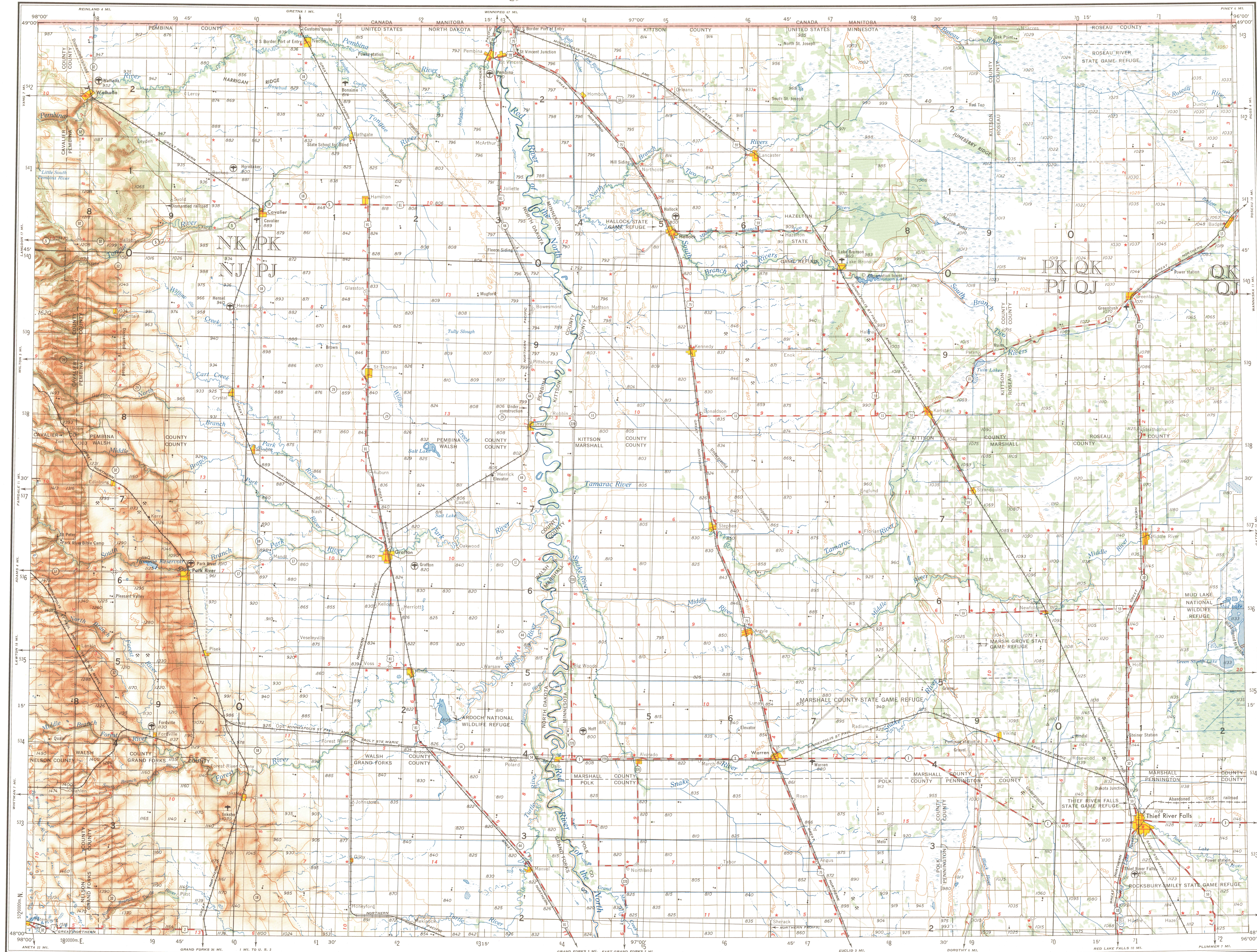


V502

Edition 1-AMS (First Printing, 6-56)

Prepared by the Army Map Service (AMS), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1953 by photogrammetric methods and from North Dakota, 1:62,500, USGS, Sheets Cavalier, 1939; Bathgate, 1940; Crystal, 1944; Glaston, 1940; Minnesota, 1:62,500, USGS, Sheets Hancock, 1939; Juneberry, 1932; Kennedy, 1941; Minnesota-North Dakota, 1:62,500, USGS, Sheets, 1941; North Dakota-Minnesota, 1:62,500, USGS, Sheets, 1940. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control revised by USGS and CE. Map field checked, 1952.

- POPULATED PLACES.**
- Over 500,000
 - 100,000 to 500,000
 - 25,000 to 100,000
 - 5,000 to 25,000
 - 1,000 to 5,000
 - Less than 1,000
- RAILROADS**
- Standard gauge
 - Narrow gauge
 - Interurban
 - State
 - County
 - Park or reservation

- BOUNDRIES**
- International
 - State
 - County
 - Park or reservation

- LEGEND**
- ROAD DATA 1953**
- Figures in red denote approximate distances in miles between stars
- More than two lanes wide
 - Two lanes wide, Federal route marker
 - Hard surface, medium duty
 - More than two lanes wide
 - Two lanes wide, State route marker
 - Improved light duty
 - Dirt
 - Trail
- Landmarks: School; Church; Other, etc.**
- Horizontal control point
 - Spot elevation in feet
 - Marsh or swamp
 - Intermittent or dry stream
 - Power line

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Scale 1:250,000

20 Statute Miles

10 Nautical Miles

CONTOUR INTERVAL 50 FEET WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

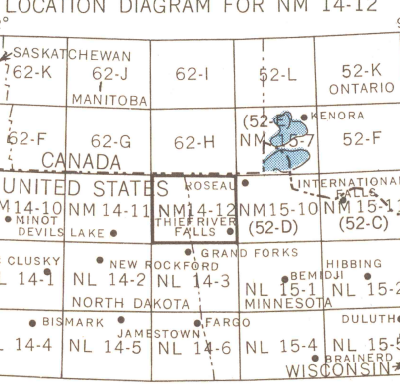
BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 14

THE LAST FOUR DIGITS OF THE GRID NUMBERS ARE OMITTED

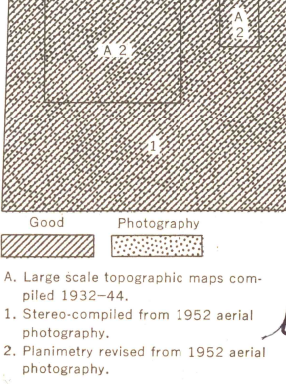
1960 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 10°20' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 10°14' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE 10°02' WESTERLY.

USGS NOTING ERRORS OR OMISSIONS ON THIS MAP ARE USED TO MARK HEREON AND FORWARD DIRECTLY TO COMMANDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D. C. MAPS SO FORWARDED WILL BE RETURNED OR REPLACED IF DESIRED.

LOCATION DIAGRAM FOR NM 14-12



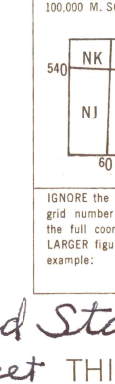
RELIABILITY DIAGRAM



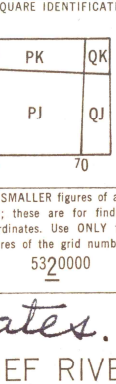
PRINTED BY ARMY MAP SERVICE, CORPS OF ENGINEERS, 6-56, 775356



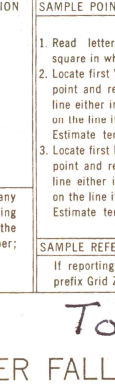
GRID ZONE DESIGNATION: 14U



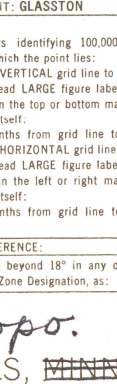
10,000 M. SQUARE IDENTIFICATION



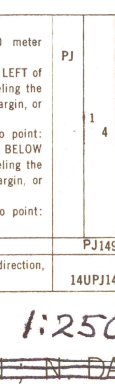
TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS



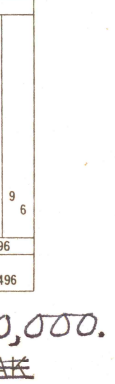
Read letters identifying 100,000 meter squares to which the line is drawn



1. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself



2. Locate first HORIZONTAL grid line to point and read LARGE figure labeling the line either in the left or right margin, or on the line itself



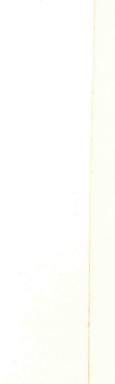
Estimate tenths from grid line to point



Estimate tenths from grid line to point



Estimate tenths from grid line to point



Estimate tenths from grid line to point



United States. Topo. 1:250,000.
sheet THIEF RIVER FALLS, MINN. & DAK.
cop. 1.