



V502, EDITION 3  
 Prepared by the U.S. Army Topographic Command (ASSX), Washington, D.C. Compiled in 1955 by photogrammetric methods and from United States quadrangles 1:24,000, 1947-49. Planimetry revised from aerial photographs taken 1951-52. Photographs field annotated 1954. Revised in 1971 by the U.S. Geological Survey from aerial photographs taken 1970.

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

**LEGEND**

Figures in red denote approximate distances in miles between stars

**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**

- Normal gauge
- Narrow gauge
- Landplane airport
- Landing a/c
- Seaplane airport
- Seaplane anchorage
- Woods-brushwood

**ROADS**

- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Interchange
- Route markers: Interstate, U.S., State
- Mine
- Landmark: School, Church, Other, etc.
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

**BOUNDARIES**

- International
- State
- County
- Park or reservation

**Scale 1:250,000**

0 5 10 15 20 25 30 Statute Miles  
 0 5 10 15 20 Nautical Miles

**CONTOUR INTERVAL 100 FEET**  
 WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS  
 TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 14  
 1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 1° (230 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 11° (200 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242

**LOCATION DIAGRAM**

SASKATCHEWAN CANADA MANITOBA

MINOT, NORTH DAKOTA

**SECTIONIZED TOWNSHIP**

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

**GRID ZONE DESIGNATION:** 14U  
 TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEARLY 100 METERS

**100,000 M. SQUARE IDENTIFICATION**

KK	LK	MK
KJ	LJ	MJ
30	40	

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**SAMPLE POINT: CLEARING**

1. Read letters identifying 100,000 meter square in which the point lies.  
 2. 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.  
 3. Estimate tenths from grid line to point.  
 4. Locate first horizontal grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself.  
 5. Estimate tenths from grid line to point.

**EXAMPLE REFERENCE:** CLAREE  
 If reporting beyond 18" in any direction, prefix Grid Zone Designation, as: 14UJ4882

**USGS**  
 Historical File  
 Topographic Edition SEP 05 1974

**MINOT, NORTH DAKOTA**  
 1954  
 REVISED 1971

STOCK NO. V502XNM1410 \*\* 03