

Prepared by the Defense Mapping Agency Topographic Center, Washington, D. C. Compiled in 1955 by photogrammetric methods and from 1:20,000 and 1:24,000-scale maps dated, 1949-1953. Aerial photographs from aerial photographs taken 1976-1977 and other source data. Revised information not field checked. Map edited 1979

100,000-foot grids based on Minnesota coordinate system, north and central zones

Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 15, 1927 North American datum. To place on the predicted North American Datum 1983, move the projection lines 7 meters north and 15 meters east

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

There may be private inholdings within the boundaries of National or State reservations shown on this map

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
- Less than 5,000

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

RAILROADS

- Standard gauge
- Narrow gauge
- International
- State
- County
- Park or reservation

BOUNDARIES

- National
- State
- County
- Park or reservation

Other Symbols

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods-bushwood
- Power line
- Route markers: Interstate, U.S., State
- Mine
- Landmark: School; Church; Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream

Scale 1:250,000

0 5 10 15 20 Statute Miles

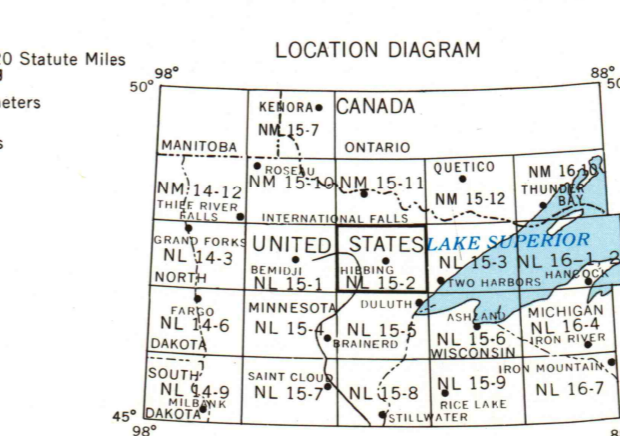
0 5 10 15 20 30 Kilometers

0 5 10 15 Nautical Miles

CONTOUR INTERVAL 50 FEET

1979 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 5° (30 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 3° (50 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092



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

15T

100,000 M. SQUARE IDENTIFICATION

VD	WD
VC	WC

50

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

SAMPLE POINT - PAYNE

- Read letters identifying 100,000 meter square in which the point lies.
- Scale horizontal grid line to left of point and read LARGE figure labeling the line either on the top or bottom margin, or on the line itself.
- Estimate tenths from grid line to point.
- Scale vertical grid line below point and read LARGE figure labeling the line either on the left or right margin, or on the line itself.
- Estimate tenths from grid line to point.

SAMPLE REFERENCE:

If reporting beyond 10" in any direction, quote Grid Zone Designation, e.g., 15TWC15

MAY - 1 1980

USGS Historical File

Topographic Division

10,800