

PRODUCED BY THE U. S. GEOLOGICAL SURVEY
 Base map prepared by Defense Mapping Agency by photogrammetric methods and from aerial photographs taken 1953. Field checked 1953. Revised by the U. S. Geological Survey from aerial photographs taken 1976 and other source data. Revised information not field checked. Map edited 1980.
 Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 15. 100,000-foot grids based on Minnesota coordinate system, central and south zones and Wisconsin coordinate system, central and north zones, 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 8 meters north and 16 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 the 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
 1,000 to 5,000
 Less than 1,000

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

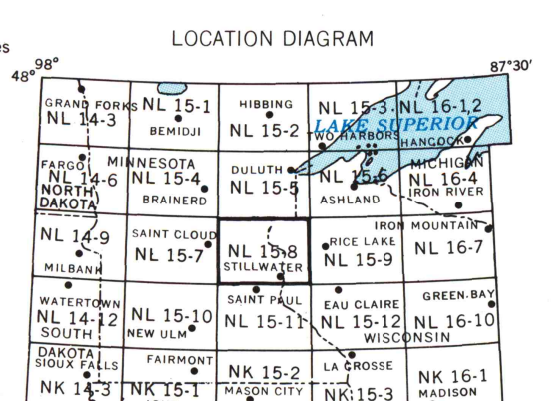
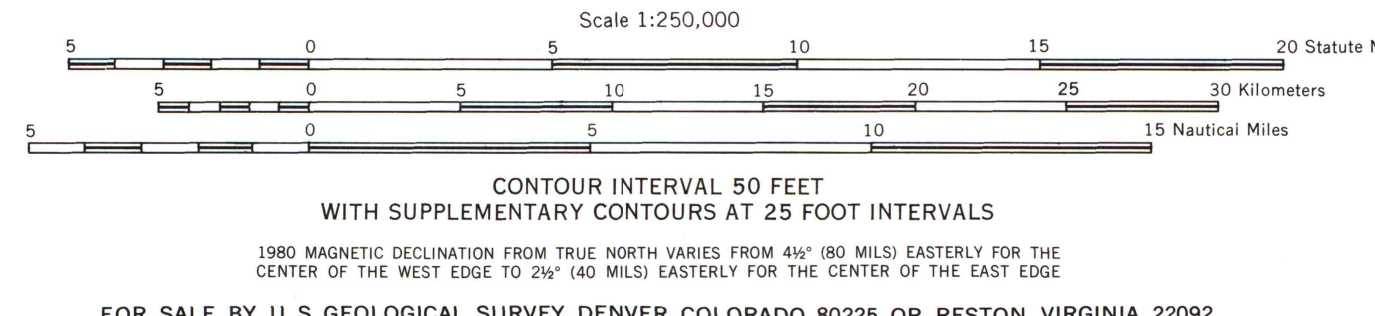
Standard gauge
 Narrow gauge
 Single track
 Double or multiple track
 Landplane airport
 Landing area
 Seaplane airport
 Seaplane anchorage
 Woods/bushwood

BOUNDARIES

International
 State
 County
 Park or reservation

Other symbols:

- 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



SECTIONIZED TOWNSHIP

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

GRID ZONE DESIGNATION

100,000 M. SQUARE IDENTIFICATION

VA WA
 VV WV

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

SAMPLE POINT COOR. LINE TRACK

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.

IGNORE THE SMALLER FIGURES OF ANY GRID NUMBER; THESE ARE THE FULL COORDINATE. USE ONLY THE LARGE FIGURE OF THE GRID NUMBER.
 example: 49Q0000

SAMPLE REFERENCE

If reporting beyond 10' in any direction, prefix Grid Zone Designation as: 15TUB817

A.H. ROBINSON
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 Madison

STILLWATER, MINNESOTA, WISCONSIN
 1953
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