



V502, EDITION 3  
 Prepared by the Army Map Service (ASCGE), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1955 by photogrammetric methods and from: USGS quadrangles, 1:24,000, 1951-53; U.S. Lake Survey Charts 95, 96, 97, 1955. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS, USFS and USC&GS. Photography field annotated 1954. Limited revision by U.S. Geological Survey 1964.  
 100,000-foot grids based on Minnesota coordinate system, north zone and Wisconsin coordinate system, north zone

**LEGEND**  
 ROAD DATA 1954 PARTIALLY REVISED 1964  
 Figures in red indicate 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**  
 Single track, Double or Multiple Standard gauge  
 Narrow gauge  
 Landplane airport  
 Landing area  
 International  
 State  
 County  
 Park or reservation  
 Horizontal control point  
 Spot elevation in feet

**BOUNDARIES**  
 International  
 State  
 County  
 Park or reservation  
 Horizontal control point  
 Spot elevation in feet

**LANDMARKS: School; Church; Other**  
 Depth curve in feet  
 Limit of danger; Reef  
 Rocks; Awash; Sunken  
 Foreshore flat  
 Intermittent or dry stream  
 Marsh or swamp

**ROADS**  
 Hard surface, heavy duty  
 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  
 Unimproved dirt  
 Trail

**LANDS & LINES**  
 2 Lanes & Lines  
 3 Lanes & Lines  
 4 Lanes & Lines

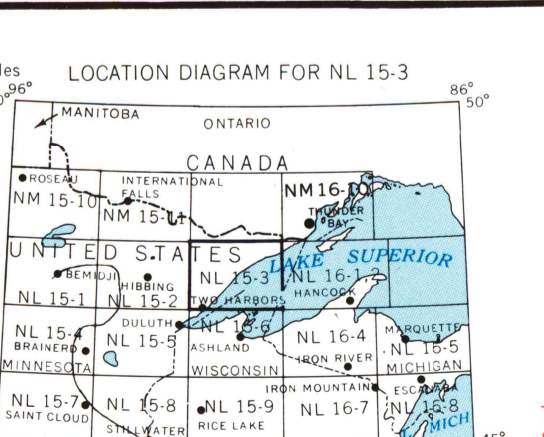
Scale 1:250,000  
 0 5 10 15 20 Statute Miles  
 0 5 10 15 20 Kilometres

CONTOUR INTERVAL 50 FEET  
 TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 19

1960 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 4'15" EASTERLY FOR THE CENTER OF THE WEST EDGE TO 2'30" EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS NEGLIGIBLE.

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:** WC XC YC  
**60 10**

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METRES:**  
**SAMPLE POINT: UTMEN**

1. Read letters identifying 100,000 metre square in which the point lies.  
 2. Locate first VERTICAL 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.  
 3. Locate first HORIZONTAL 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:** 15T28279  
 If referring beyond 18° in any direction, prefix Grid Zone Designation, e.g.: 18T28279

A.H. ROBINSON  
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