



Prepared by the Army Map Service (LKBTT), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1955 by photogrammetric methods. Horizontal and vertical control by USGS, USCGS, and USMC. Aerial photography 1953. Photography field annotated 1953. Limited revision by U.S. Geological Survey 1963.

Transverse Mercator Projection. 10,000-meter Universal Transverse Mercator grid, zone 15. 100,000-foot grid ticks based on Minnesota coordinate system, central and north zones, and Wisconsin coordinate system, north zone. 1927 North American Datum. To place on predicted North American Datum 1983 move the projection line 3 meters north and 16 meters east.

LEGEND

ROAD DATA 1953 PARTIALLY REVISED 1963
 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

Standard gauge
 Narrow gauge
 Single track
 Double or multiple track
 Landplane airport
 Landing area
 Seaplane airport
 County
 State
 Park or reservation

BOUNDARIES

International
 State
 County
 Park or reservation

LANDMARKS

School
 Church
 Other
 Spot elevation in feet
 Marsh or swamp
 Intermittent or dry stream
 Power line

RAILROADS

Standard gauge
 Narrow gauge
 Single track
 Double or multiple track

RAILROADS

Standard gauge
 Narrow gauge
 Single track
 Double or multiple track

Scale 1:250,000

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET
 WITH SUPPLEMENTARY CONTOURS AT 25 FEET INTERVALS

1960 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 6°15' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 3°45' EASTERLY FOR THE CENTER OF EAST EDGE. MEAN ANNUAL CHANGE IS 0°01' WESTERLY.

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

LOCATION DIAGRAM

INTERNATIONAL FALLS CANADA
 DULUTH MINN. U.S.A.
 ST. CROIX STATE PARK
 ST. LOUIS COUNTY
 CARLTON COUNTY
 PINE COUNTY
 MILLE LACS COUNTY
 AITKIN COUNTY
 MORRIS COUNTY
 CROW WING COUNTY
 ST. CROIX COUNTY
 WISCONSIN

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

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

SAMPLE POINT ELLSON

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 this line either in the top or bottom margin, or on the left sheet
 3. Locate first HORIZONTAL grid line to the right of point and read the figure labeling the line either in the left or right margin, or on the top sheet
 Estimate tenths from grid line to point

SAMPLE REFERENCE 15T9929

A.H. ROBINSON
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