



Prepared by the Defense Mapping Agency Topographic Center, Washington, D. C. Compiled in 1955 by photogrammetric methods from aerial photographs taken 1953. Aerial photographs field annotated 1953. Revised by the U. S. Geological Survey from aerial photographs taken 1977 and other source data. Revised information not field checked. Map edited 1979  
 Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 15. 100,000-foot grid ticks based on Minnesota coordinate system, central and south zones, 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 7 meters north and 22 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  
 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  
 Gravel  
 Interchange  
 Grand Coulee  
 Sun Valve  
 Route markers: Interstate, U.S., State

**RAILROADS**  
 Single track Double or Multiple  
 Standard gauge  
 Narrow gauge  
 Landing area  
 Seaplane airport  
 State  
 County  
 Park or reservation

**LANDMARKS**  
 School; Church; Other  
 Mine  
 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 25 30 Nautical Miles

**CONTOUR INTERVAL 50 FEET**  
 WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS  
 1979 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 6° (110 MILES EASTERLY FOR THE CENTER OF THE WEST EDGE TO 5° (90 MILES EASTERLY FOR THE CENTER OF THE EAST EDGE)

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

**LOCATION DIAGRAM**

NEW ROCKWOLD	GRAND FORK	MINNESOTA	MINNESOTA	MINNESOTA
NL 14-2	NL 15-1	NL 15-2	NL 15-3	NL 15-4
NL 14-3	NL 14-4	NL 14-5	NL 14-6	NL 14-7
NL 14-8	NL 14-9	NL 14-10	NL 14-11	NL 14-12
NL 14-13	NL 14-14	NL 14-15	NL 14-16	NL 14-17
NL 14-18	NL 14-19	NL 14-20	NL 14-21	NL 14-22
NL 14-23	NL 14-24	NL 14-25	NL 14-26	NL 14-27
NL 14-28	NL 14-29	NL 14-30	NL 14-31	NL 14-32
NL 14-33	NL 14-34	NL 14-35	NL 14-36	NL 14-37
NL 14-38	NL 14-39	NL 14-40	NL 14-41	NL 14-42

**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**

TA	UA	VA
TV	UV	VV

**TO ONE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS**

**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. 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.  
 4. Estimate tenths from grid line to point.

**SAMPLE REFERENCE:**  
 If marking located 18° to any direction, prefix Grid Zone Designation, as: 15TUV92

DEC - 2 1978  
 8241