

V502  
Edition 1-AMS (First Printing, 8-57)  
Prepared by the Army Map Service (LMBT), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods. Horizontal and vertical control by USGS, USC&GS and CE. Aerial photography 1953. Photography field annotated 1953.

**LEGEND**

**ROAD DATA 1953**  
Figures in red denote approximate distances in miles between stars

**POPULATED PLACES**

Over 500,000	Hard surface, heavy duty	3 LANES 4 LANES
100,000 to 500,000	Hard surface, medium duty	2 LANES 3 LANES
25,000 to 100,000	Hard surface, light duty	2 LANES 3 LANES
5,000 to 25,000	Improved light duty	2 LANES 3 LANES
1,000 to 5,000	Unimproved dirt	2 LANES 3 LANES
Less than 1,000	Trail	2 LANES 3 LANES

**RAILROADS**

Standard gauge	Single track
Narrow gauge	Double or Multiple
Landplane airport	
Landing area	
International	
State	
County	
Park or reservation	
Landmark: School; Church; Other	
Horizontal control point	
Spot elevation in feet	
Marsh or swamp	
Intermittent or dry stream	
Seaplane anchorage	
Woods/brushwood	
Power line	

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

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 FOOT INTERVALS**  
**TRANSVERSE MERCATOR PROJECTION**

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID. ZONE 15 THE LAST FOUR DIGITS OF THE GRID NUMBERS ARE OMITTED.

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 8°15' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 6°30' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°02' WESTERLY.

USES NOTING ERRORS OR OMISSIONS ON THIS MAP ARE USED TO MARK HEREON AND FORWARDED DIRECTLY TO COMMANDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D. C. MAPS SO FORWARDED WILL BE RETURNED OR REPLACED IF DESIRED.

**LOCATION DIAGRAM FOR NL 15-7**

15-7	15-8	15-9	15-10	15-11	15-12	15-13	15-14	15-15
14-2	14-3	14-4	14-5	14-6	14-7	14-8	14-9	14-10
13-2	13-3	13-4	13-5	13-6	13-7	13-8	13-9	13-10
12-2	12-3	12-4	12-5	12-6	12-7	12-8	12-9	12-10
11-2	11-3	11-4	11-5	11-6	11-7	11-8	11-9	11-10
10-2	10-3	10-4	10-5	10-6	10-7	10-8	10-9	10-10
9-2	9-3	9-4	9-5	9-6	9-7	9-8	9-9	9-10
8-2	8-3	8-4	8-5	8-6	8-7	8-8	8-9	8-10
7-2	7-3	7-4	7-5	7-6	7-7	7-8	7-9	7-10
6-2	6-3	6-4	6-5	6-6	6-7	6-8	6-9	6-10
5-2	5-3	5-4	5-5	5-6	5-7	5-8	5-9	5-10
4-2	4-3	4-4	4-5	4-6	4-7	4-8	4-9	4-10
3-2	3-3	3-4	3-5	3-6	3-7	3-8	3-9	3-10
2-2	2-3	2-4	2-5	2-6	2-7	2-8	2-9	2-10
1-2	1-3	1-4	1-5	1-6	1-7	1-8	1-9	1-10

PRINTED BY ARMY MAP SERVICE, CORPS OF ENGINEERS, 8-57, 778122

**GRID ZONE DESIGNATION:** 15T

**100,000 M. SQUARE IDENTIFICATION**

TA	UA	VA
TU	UV	VU
TV	30	40

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

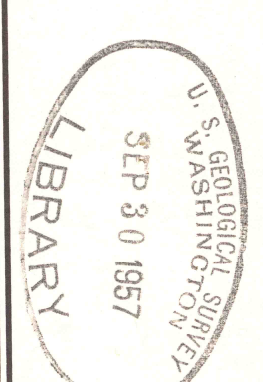
**SAMPLE POINT: HAYSTACK**

1. Read letters identifying 100,000 meter square in which point lies.
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either to 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 to the left or right margin, or on the line itself.
5. Estimate tenths from grid line to point.

**SAMPLE REFERENCE:** 4950000

11° 00' 00" N 95° 00' 00" W

SAINT CLOUD, MINNESOTA



SERIES V502  
SHEET NL 15-7  
EDITION 1-AMS

United States. Topo. 1:250,000.  
Sheet Saint Cloud, cop. 1.