



Prepared by the U. S. Army Map Service (AMSS), Corps of Engineers, Washington, D. C. Compiled in 1953 by photogrammetric methods by reference to Minnesota County Highway Maps, 1950 and Iowa County Highway Maps, 1950. Horizontal and vertical control by US&GS, USGS and CE. Map field checked, 1954.

100,000 foot grids based on Minnesota coordinate system, south zone, and Iowa coordinate system, north zone

10,000 meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

**LEGEND**

ROAD DATA 1954  
Figures in red denote approximate distances in miles between stars

**POPULATED PLACES**

Over 500,000	3 LINES 1/2 LANE
100,000 to 500,000	2 LINES 1/2 LANE
25,000 to 100,000	1 LINE 1/2 LANE
5,000 to 25,000	1 LINE
1,000 to 5,000	1 LINE 1/2 LANE
Less than 1,000	1 LINE

**RAILROADS**

- Standard gauge
- Narrow gauge
- Inter-national
- State
- County
- Park or reservation

**ROADS**

- Hard surface, heavy duty
- Hard surface, medium duty
- More than two lanes wide
- Two lanes wide; Federal route marker
- Two lanes wide; State route marker
- Improved light duty
- Unimproved dirt
- Trail

**LANDMARKS**

- School; Church; Other
- Horizontal control point
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

**BOUNDARIES**

- International
- State
- County
- Park or reservation

**Other Symbols:**

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods-brushwood

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 Nautical Miles

CONTOUR INTERVAL 50 FEET  
WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 0°30' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 0°15' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°2' WESTERLY.

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D. C.

LOCATION DIAGRAM FOR NK 15-1

14-8	14-9	14-10	14-11	14-12	14-13	14-14	14-15
15-1	15-2	15-3	15-4	15-5	15-6	15-7	15-8
16-1	16-2	16-3	16-4	16-5	16-6	16-7	16-8
17-1	17-2	17-3	17-4	17-5	17-6	17-7	17-8

USGS  
Historical File  
Topographic Division

TOWNSHIP OR RANGE LINE  
LAND GRANT BOUNDARY

U.S.G.S.  
FILE COPY  
TOPOGRAPHIC DIVISION

FAIRMONT, MINNESOTA, IOWA