



Prepared by the U.S. Army Map Service (AMS), Corps of Engineers, Washington, D.C. Compiled in 1953 by photogrammetric methods by reference to Minnesota and Iowa County Highway Maps, 1950. Horizontal and vertical control by USGS, USC&GS and USCE. Map field checked 1954. Limited revision by U.S. Geological Survey 1966.

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 PARTIALLY REVISED 1966**  
 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
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**RAILROADS**

- Standard gauge
- Narrow gauge
- Landing plane
- International
- State
- County
- Park or reservation

**BOUNDARIES**

- State
- County
- Park or reservation

**LANDMARKS: School; Church; Other**

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

**APPROXIMATE ROAD ALIGNMENT**

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 Nautical Miles

CONTOUR INTERVAL 50 FEET  
 WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS  
 TRANSVERSE MERCATOR PROJECTION

1965 MAGNETIC DECLINATION FROM TRUE NORTH FOR THIS SHEET VARIES FROM 8° (140 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 7° (120 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**

ABERDEEN DAK	SAINT CLOUD MINN	NL 15-10	NL 15-8	NL 15-9
NL 14-9	HILLMAN IOWA	NL 15-11	NL 15-7	NL 15-10
NL 14-11	WATERLOO IOWA	NL 14-12	MINNESOTA NEW ILL	MINNESOTA NEW ILL
NL 14-10	NEW ILL	NL 15-11	NL 15-12	NL 15-11
MITCHELL IOWA	FAIRMONT IOWA	NK 14-3	NK 15-2	NK 15-3
NK 14-5	OPPELI IOWA	NK 15-4	NK 15-1	NK 15-6
NK 14-6	PORT DOUGER IOWA	NK 15-4	NK 15-1	NK 15-6
NK 14-8	BROKEN BOW IOWA	NK 15-7	NK 15-8	NK 15-9
NK 14-9	FREMONT IOWA	NK 15-7	NK 15-8	NK 15-9
NK 14-8	NEBRASKA	NK 15-7	NK 15-8	NK 15-9

**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

TOWNSHIP OR RANGE LINE  
 LAND GRANT BOUNDARY

**USGS Historical File Topographic Division**

**FAIRMONT, MINNESOTA; IOWA**

1954 LIMITED REVISION 1966