



Prepared by the U. S. Army Topographic Command (AMSX), Washington, D. C. Compiled in 1953 by photogrammetric methods and from Minnesota and Iowa County Highway Maps, 1950. Map field checked 1954. Revised in 1975 by the U. S. Geological Survey from aerial photographs taken 1974.

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

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.

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
- Trail
- Interchange

RAILROADS

- Standard gauge
- Narrow gauge
- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods brushwood

BOUNDARIES

- International
- State
- County
- Park or reservation

Other Symbols

- Mine
- Landmark: School; Church; Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

Route markers: Interstate, U.S., State

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

BLACK NUMBERED LINES INDICATE THE 10,000-METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 15

1975 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 37° 12' 00" WEST TO 37° 00' 00" EAST FOR THE CENTER OF THE WEST EDGE TO 100' WEST EASTERLY FOR THE CENTER OF THE EAST EDGE

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

LOCATION DIAGRAM

DAK	IA	MINN	NEBR	NEB	ND	SD	WIS	WY
AK	AR	CA	CO	CT	DC	DE	FL	GA
HI	IL	IN	KS	KY	LA	MA	MD	ME
MI	MN	MO	MT	NC	NH	NJ	NM	NV
NY	OH	OK	OR	PA	RI	SC	TN	TX
UT	VT	VA	WA	WI	WV	WY		

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

GRID ZONE DESIGNATION: 15T

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

1. Read letters identifying 100,000-meter square in which the point lies

2. Locate first WESTING and first NORTHING on the line sheet

3. Locate first HORIZONTAL grid line below point and first VERTICAL grid line to the left or right margin, or on the line itself

4. Estimate tenths from grid line to point

5. Estimate hundredths from grid line to point

EXAMPLE: 4770000

USGS Historical File Topographic Division

FAIRMONT, MINNESOTA, IOWA

1954

REVISED 1975

MAY 0 2 1977

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