



Prepared by the Army Map Service (BEAM), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1953 by photogrammetric methods and from North Dakota, 1:62,500, USGS, Sheets Cavalier, 1939; Bathgat, 1940; Crystal, 1944; Glasston, 1940; Minnesota, 1:62,500, USGS, Sheets Hallock, 1939; Juneberry, 1932; Kennedy, 1941; Minnesota-North Dakota, 1:62,500, USGS, Pembina, 1941; North Dakota-Minnesota, 1:62,500, USGS, Drayton, 1940. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS and CE. Map field checked, 1952.

100,000-foot grids based on Minnesota coordinate system, north zone and North Dakota coordinate system, north zone

10,000-meter Universal Transverse Mercator grid ticks, zone 14, shown in blue

LEGEND

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

POPULATED PLACES

Over 500,000	Large city
100,000 to 500,000	Medium city
25,000 to 100,000	Small city
5,000 to 25,000	Village
1,000 to 5,000	Hamlet
Less than 1,000	Other

RAILROADS

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

BOUNDARIES

- Landplane airport
- Landing area
- Saplane airport
- Saplane anchorage
- Woods/bushwood

Other Symbols:

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

1950 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 10°22' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 8°18' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°02' WESTERLY.

LOCATION DIAGRAM FOR NM 14-12

62-K	62-J	62-I	62-L	62-K
62-F	62-G	62-H	62-M	62-N
62-E	62-D	62-C	62-O	62-P

UNITED STATES GEOLOGICAL SURVEY

NM 14-10 NM 14-11 NM 14-12 NM 14-13 NM 14-14

NM 14-15 NM 14-16 NM 14-17 NM 14-18 NM 14-19

RELIABILITY DIAGRAM

USGS Historical File Topographic Division

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

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

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