



Prepared by the Army Map Service (AMS), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1955 by photogrammetric methods and from United States quadrangles, 1:62,500 and 1:125,000, 1905-51. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS, USC&GS, USCE and IBC. Photography field annotated 1954. Limited revision by U.S. Geological Survey 1966.

100,000-foot grid based on North Dakota coordinate system, south zone 10, 10,000-meter Universal Mercator grid ticks, zone 14, 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

RAILROADS

Standard gauge
 Single track
 Double or Multiple
 Landing area
 Narrow gauge
 International
 State
 County
 Park or reservation

BOUNDARIES

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

LANDMARKS: School; Church; Other

Approximate road alignment

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 100 FEET

TRANSVERSE MERCATOR PROJECTION

1965 MAGNETIC DECLINATION FROM TRUE NORTH FOR THIS SHEET VARIES FROM 13° (230 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 11° (200 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE.

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242

LOCATION DIAGRAM

NM 13-11	NM 13-12	NM 14-10	NM 14-11	NM 14-12
WYOMING	WYOMING	NORTH DAKOTA	NORTH DAKOTA	NORTH DAKOTA
NL 13-8	NL 13-9	NL 14-5	NL 14-6	NL 14-7
NL 13-11	NL 13-12	SOUTH DAKOTA	SOUTH DAKOTA	SOUTH DAKOTA

RELIABILITY DIAGRAM

Photography
 Ground and photogrammetric surveys, 1951
 Large scale topographic maps, controlled ground survey, 1938
 Medium scale topographic maps, controlled ground survey, 1905
 1. Stereo-compiled from 1952 aerial photography
 2. Planimetry revised from 1952 aerial photography

SECTIONED 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

TOWNSHIP OR RANGE LINE
 LAND RANGE BOUNDARY

USGS
 Historical File
 Topographic Division

BISMARCK, NORTH DAKOTA
 1954
 LIMITED REVISION 1966

TOPOGRAPHIC DIVISION

339
 APR