GREAT FALLS

EDITION 3

NL 12-2
SERIES V502

V502, EDITION 3

Prepared by the U.S. Army Topographic Command (AJART), Washington, D.C. Compiled in 1955 by photogrammetric methods from aerial photographs taken 1953. Photographs field annotated 1954. Revised in 1972 by the U.S. Geological Survey from aerial photographs taken 1972.

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 — LOS ANGELES
100,000 to 500,000 — OMAHA
25,000 to 100,000 — GALVESTON
5,000 to 25,000 — Laramie
1,000 to 5,000 — Grand Coulee
Less than 1,000 — Sun Valley

RAILROADS
Standard gauge — Single track; Double or Multiple
Narrow gauge

BOUNDARIES
International
State
County
Park or reservation

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
Route markers: Interstate, U.S., State (95, 75, 191)

Landplane airport
Landing area
Seaplane airport
Dry lake
Woods-brushwood

Landmark: School; Church; Other.
Mine
Spot elevation in feet — 221
Marsh or swamp
Intermittent or dry stream
Power line

Scale 1:250,000

5 0 5 10 15 20 Statute Miles
5 0 5 10 20 25 30 Kilometers
5 0 5 10 15 Nautical Miles

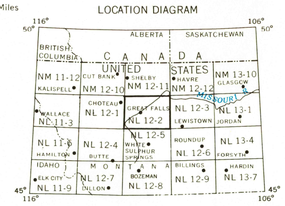
CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 12

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 19° (340 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 18° (320 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

LOCATION DIAGRAM



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

GRID ZONE DESIGNATION: 12T
100,000 M. SQUARE IDENTIFICATION

VJ	WJ
VH	WH

530 (50)

IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number; example: 521 0000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

SAMPLE POINT: BOWMAN RANCH

1. Read letters identifying 100,000 meter square in which the point lies:
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself:
   Estimate tenths from grid line to point:
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself:
   Estimate tenths from grid line to point:

WH 0 7 5 8

SAMPLE REFERENCE: WH0758

If reporting beyond 10' in any direction, prefix Grid Zone Designation as: 12TWH0758

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USGS
Historical File
Topographic Division
SEP 05 1974
12000

GREAT FALLS, MONTANA
1954
REVISED 1972

STOCK NO. V502XNL122***03

No=
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