



Prepared by the U.S. Army Topographic Command (ASX), Washington, D.C. Compiled in 1955 by photogrammetric methods and from United States quadrangles 1:62,500, 1950. Planimetry revised from aerial photographs taken 1954. Photographs field annotated 1955. Revised in 1972 by the U.S. Geological Survey from aerial photographs taken 1972.

100,000-foot grids based on Wyoming coordinate system, west zone; Idaho coordinate system, east zone and Montana coordinate system, south zone.

Location of geoid: control established by government agencies is shown on corresponding 1:250,000-scale Geoidic 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

**RAILROADS**

Standard gauge  
Narrow gauge  
Interchange

**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

**BOUNDARIES**

State  
County  
Park or reservation

**Other Symbols**

Landplane airport  
Landing area  
Seaplane airport  
Seaplane anchorage  
Woods-brushwood  
Power line  
Landmark: School, Church, Other  
Mine  
Spot elevation in feet  
Marsh or swamp  
Intermittent or dry stream

Scale 1:250,000

5 10 15 20 25 30 Statute Miles

5 10 15 20 25 30 Kilometers

CONTOUR INTERVAL 200 FEET

TRANSVERSE MERCATOR PROJECTION

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

1970 MAGNETIC DECLINATION FROM THE TRUE NORTH VARIES FROM 17°N (30° W) TO 16°N (30° E) EASTERNLY FOR THE CENTER OF THE WEST ZONE TO 16°N (30° W) EASTERNLY FOR THE CENTER OF THE EAST ZONE

**LOCATION DIAGRAM**

NL 11-5 HAMILTON	NL 12-4 BUTTE	NL 12-5 BOZEMAN	NL 13-4 EASTON
NL 11-9 ELK CITY	NL 12-7 BLAINE	NL 12-8 MONTANA	NL 12-9 HARDIN
NL 11-12 CHALLIS	NL 12-10 SHURBUT	NL 12-11 BOYTON	NL 13-10 SHERIDAN
NL 11-3 IDAHO	NL 12-11 DAHO FALLS	NK 12-3 THERMOPOLIS	NK 13-1 ARHINO
NK 11-6 TWIN FALLS	NK 12-4 FOOTLOCK	NK 12-5 LARDER	NK 13-4 CASPER

**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

**GRID ZONE DESIGNATION**

12T

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

**SAMPLE POINT: OLD FAITHFUL**

VE	WE	WE
VD	WD	WE
50	40	1

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 in the line itself.  
3. Estimate tenths from grid line to point.  
4. Locate first horizontal grid line below point and read LARGE figure labeling the line either in the left or right margin, or in the line itself.  
5. Estimate tenths from grid line to point.

**SAMPLE REFERENCE:**  
If reporting beyond 10' in any direction, prefix Grid Zone Designation, e.g.: 12TWE1322

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

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