



V502, Edition 4
Prepared by the U.S. Army Topographic Command (KCLD), Washington, D.C. Compiled in 1960 from United States quadrangles, 1:25,000, 1:48,000, 1:50,000, and 1:62,500, 1940-55. Planimetry revised in part from aerial photographs taken 1953-59. Field annotated 1958. Revised in 1972 by the Geological Survey from aerial photographs taken 1972.
100,000-foot grid based on Montana coordinate system, south 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

Normal gauge
Narrow gauge
Seaplane airport
Seaplane anchorage
Park or reservation

BOUNDARIES

International
State
County
Park or reservation

Other

Landplane airport
Landing area
Mine
Spot elevation in feet
Marsh or swamp
Intermittent or dry stream
Power line

Scale 1:250,000

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

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 TRUE NORTH VARIES FROM 18° (200 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 17° (300 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

LOCATION DIAGRAM

116° 117° 118° 119° 120° 121° 122° 123° 124° 125° 126° 127° 128° 129° 130° 131° 132° 133° 134° 135° 136°

43° 44° 45° 46° 47° 48° 49° 50° 51° 52° 53° 54° 55° 56° 57° 58° 59° 60°

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

USGS Historical File
Topographic Division

GRID ZONE DESIGNATION: 12T

100,000 M. SQUARE IDENTIFICATION

VF	WF
VE	WE

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

SAMPLE POINT: CAMPFORD

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.
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 on the line itself.
5. Estimate tenths from grid line to point.

SAMPLE REFERENCE:
If reporting beyond 10" in any direction, prefix Grid Zone Designation, etc.

BOZEMAN, MONTANA; WYOMING

1958
REVISED 1972

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