



Prepared by the U.S. Army Topographic Command (KCLD), Washington, D.C. Compiled in 1959 by photogrammetric methods and from United States quadrangles, 1:250,000 and 1:50,000, 1949-51. Planimetry revised in part from aerial photographs taken 1954-55. Photogrammetry field annotated 1958. 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

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

RAILROADS

- Standard gauge
- Narrow gauge
- Landplane airport
- Mine
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

BOUNDARIES

- International
- State
- County
- Park or reservation
- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods-brushwood

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 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

970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 18° 02' 00" WEST TO 18° 00' 00" EAST FOR THE CENTER OF THE WEST EDGE TO 17° 51' 00" WEST TO 18° 00' 00" EAST FOR THE CENTER OF THE EAST EDGE

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

LOCATION DIAGRAM

NM 11-12 HAMILTON	GM 12-10 M O	NM 12-11 N T A	NM 12-12 SEASONS
NL 11-13 HAMILTON	NL 12-1 GREAT FALLS	NL 12-3 LEWISTOWN	NL 13-3 JORDAN
NL 11-15 HAMILTON	NL 12-4 BUTTE	NL 12-5 BUTTE	NL 12-6 BUTTE
NL 11-17 HAMILTON	NL 12-7 VOLVO	NL 12-8 VOLVO	NL 12-9 VOLVO
NL 11-12 CHALLE	NL 12-10 DUBOIS	NL 12-11 DUBOIS	NL 13-10 DUBOIS

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

100,000 M. SQUARE IDENTIFICATION

VH	WH	WG
VG	WG	WG
VF	WF	WF

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

SAMPLE POINT: J. STEWART BRANCH

- Read letters identifying 100,000 meter square in which the point lies.
- 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.
- 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.

SAMPLE REFERENCE: W03033

1:250,000 SCALE

GRID ZONE DESIGNATION: 12T

WHITE SULPHUR SPRINGS, MONTANA

1958

REVISED 1972

TOWNSHIP OR RANGE LINE

LAND GRANT BOUNDARY

U.S. GEOLOGICAL SURVEY
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