



V502, EDITION 4  
Prepared by the Army Map Service (KCS), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1959 by photogrammetric methods and from United States quadrangles, 1:50,000 and 1:62,500, 1950-54. Horizontal and vertical control by USGS, USCGS, USCE, and U.S. Forest Service. Map field checked 1958. Limited revision by U.S. Geological Survey 1968.  
100,000-foot grids based on Montana coordinate system, south and central zones

**LEGEND**

**ROAD DATA** PARTIALLY REVISED 1968  
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
LOS ANGELES	OMAHA	GALVESTON	LAVERGNE	GRAND COULEE	SUN VALLEY

**RAILROADS**

Standard gauge	Narrow gauge	Landplane airport	Landing area	State	County	Park or reservation	
Single track	Double or Multiple	Landmarks: School, Church, Other	Horizontal control point	Spot elevation in feet	Improved light duty	Unimproved dirt	Trail

**BOUNDARIES**

International	State	County	Park or reservation			
Standard gauge	Narrow gauge	Landplane airport	Landing area	State	County	Park or reservation

**Approximate road alignment**

**Scale 1:250,000**

0 5 10 15 20 25 30 Kilometers  
0 5 10 15 20 25 30 Statute Miles  
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 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 12

1965 MAGNETIC DECLINATION FROM TRUE NORTH FOR THIS SHEET VARIES FROM 19°45' (350 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 18°45' (330 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**

118°	117°	116°	115°	114°	113°	112°	111°	110°	109°	108°
44°	43°	42°	41°	40°	39°	38°	37°	36°	35°	34°

**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**

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
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**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METRES**

1. Read letters identifying 100,000 metre 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:** 17UG2333

**USGS**  
Historical File  
Topographic Division

**BUTTE, MONTANA**  
1958  
LIMITED REVISION 1968

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