



Prepared by the Army Map Service (KCLD), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1959 by photogrammetric methods and from United States Quadrangles, 1:25,000, 1:50,000, AMS, 1949-51. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS, USC&GS, CE, USFS, Missouri River Commission. Photography field annotated 1958. 100,000 foot grids based on Montana coordinate system, south and central zones, 10,000 meter Universal Transverse Mercator grids ticks, zone 12, shown in blue.

LEGEND
ROAD DATA 1958
Figures in red denote approximate distances in miles between stars

POPULATED PLACES	ROADS	RAILROADS	LANDMARKS
Over 500,000	Hard surface, heavy duty	Single track Double or Multiple	School; Church; Other
100,000 to 500,000	More than two lanes wide	Standard gauge	Horizontal control point
25,000 to 100,000	Two lanes wide; Federal route marker	Narrow gauge	Spot elevation in feet
5,000 to 25,000	Hard surface, medium duty	International	Marsh or swamp
1,000 to 5,000	More than two lanes wide	State	Intermittent or dry stream
Less than 1,000	Two lanes wide; State route marker	County	Power line
	Improved light duty		
	Unimproved dirt		
	Trail		

POPULATED PLACES
LOS ANGELES
OMAHA
GALVESTON
Laramie

RAILROADS
Standard gauge
Narrow gauge
International
State
County
Park or reservation

LANDMARKS
Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Woods-brushwood

BOUNDARIES
State
County
Park or reservation

RAILROADS
Standard gauge
Narrow gauge
International
State
County
Park or reservation

Scale 1:250,000
20 Statute Miles
30 Kilometers
15 Nautical Miles

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

1960 MAGNETIC DECLINATION FROM TRUE NORTH FOR THIS SHEET VARIES FROM 19° 16' (MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 14° 13' (MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE.

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LOCATION DIAGRAM

NM 11-12 MONTANA	UTM BANK NM 12-10 MONTANA	UTM BANK NM 12-11 MONTANA	UTM BANK NM 12-12 MONTANA	UTM BANK NM 12-13 MONTANA	UTM BANK NM 12-14 MONTANA
NL 11-12 CHALUS	NL 12-10 DOROS	NL 12-11 DOROS	NL 12-12 DOROS	NL 12-13 DOROS	NL 12-14 DOROS
NL 11-13 CHALUS	NL 12-11 DOROS	NL 12-12 DOROS	NL 12-13 DOROS	NL 12-14 DOROS	NL 12-15 DOROS
NL 11-14 CHALUS	NL 12-12 DOROS	NL 12-13 DOROS	NL 12-14 DOROS	NL 12-15 DOROS	NL 12-16 DOROS

RELIABILITY DIAGRAM

1. Large scale topographic maps, photogrammetric, 1949
2. Stereo compiled from 1954-55 aerial photography
3. Planimetry revised from 1954-55 aerial photography

SECTIONED 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

LAND GRANT BOUNDARY
TOWNSHIP OR RANGE LINE

USGS
Historical File
Topographic Division

4075

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WHITE SULPHUR SPRINGS, MONTANA