

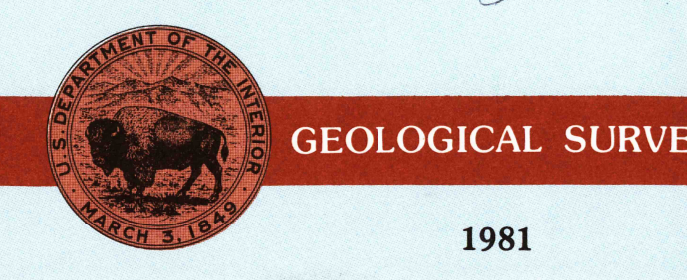
1:100 000-scale metric topographic map of Kalispell MONTANA



30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

10/13/80
3000



Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1962-1964. Planimetry revised from aerial photographs taken 1976 and other source data. Revised information not field checked. Map edited 1981.
 Projection and 10 000-meter grid, zone 11: Universal Transverse Mercator
 25 000-foot grid ticks based on Montana coordinate system, north zone
 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 12 meters north and 71 meters east
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 50 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	MAGNETIC		1	2	3
1	3.2808	195°		1	2	3
2	6.5617	193°		4	5	
3	9.8425	191°		6	7	8
4	13.1234	189°				
5	16.4042	187°				
6	19.6850	185°				
7	22.9659	183°				
8	26.2467	181°				
9	29.5276	179°				
10	32.8084	177°				

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1981 magnetic declination (MD) at center of map
 Diagram is approximate

1 Yaak River
 2 Whitefish Range
 3 Swan Range
 4 Libby
 5 Hungry Horse Res.
 6 Thompson Falls
 7 Polson
 8 Swan Peak

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Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street; trail
- Route marker: Interstate; U. S. State
- Railroad: standard gage; narrow gage
- Bridge; overpass; underpass
- Tunnel: road; railroad
- Built up area, locality, elevation
- Airport; landing field; landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U. S. public lands survey range, township; section
- Range township; section line, projected
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Rain; cliff, outcrop
- Disrupted surface: strip mine, lava; sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake; perennial; intermittent
- Rapids, large and small; falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request