

Fort Benton

MONTANA

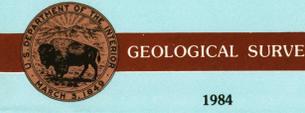
1984

1:100 000-scale metric topographic map



30 X 60 MINUTE QUADRANGLE SHOWING

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



Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1953-1982. Partially revised from aerial photographs taken 1975 and other source data. Revised information not field checked. Map edited 1984.

Projection and 10 000-meter grid, zone 12 Universal Transverse Mercator
 25 000-foot grid ticks based on Montana coordinate system, north and central zones. 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 7 meters north and 59 meters east. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	Magnetic Declination		1	2	3
1	3.2808	Magnetic declination at date of map		4	5	6
2	6.5617	Diagram is approximate		7	8	9
3	9.8425			10	11	12
4	13.1234			13	14	15
5	16.4042			16	17	18
6	19.6850			19	20	21
7	22.9659			22	23	24
8	26.2467			25	26	27
9	29.5275			28	29	30
10	32.8084			31	32	33

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

UTM grid convergence (GM) and false magnetic declination (M) at center of map
 Diagram is approximate

FORT BENTON
 ISBN # 0607320648 MF 100
 SURVEY, DENVER, COLORADO 80221
 ITRIGNA 28992

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: protracted
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery; building
- Wellhead; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruins; cliff dwelling
- Distorted 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 from the USGS NHD HISTORICAL MAP ARCHIVES



SCALE 1:100 000
 1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
 CONTOUR INTERVAL 20 METERS

KILOMETERS 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
 METERS 0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000 70000
 FEET 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

FORT BENTON, MONTANA
47110-E1-TM-100

1984