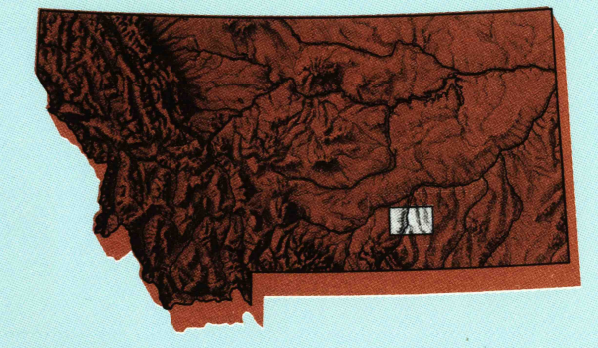
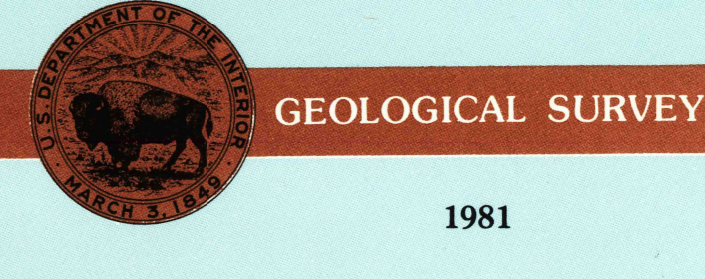


1:100 000-scale metric topographic map of **Hardin MONTANA**



- 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 in cooperation with the Soil Conservation Service and Bureau of Land Management  
 Compiled from USGS 1:24 000-scale topographic maps dated 1960-1972. Partially 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 13  
 Universal Transverse Mercator  
 25 000-foot grid ticks based on Montana coordinate system, south zone, 1927 North American datum  
 To place on the predicted North American Datum 1983 move the projection lines 8 meters north and 51 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 VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	GN MN		1	2	3
1	3.2808	1° 17'		4	5	
2	6.5617	32 MILES		6	7	8
3	9.8425	UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map. Diagram is approximate.		1 Roundup	2 Hysham	3 Forsyth
4	13.1234			4 Billings	5 Lame Deer	6 Bridger
5	16.4042			7 Lodge Grass	8 Birney	
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5275					
10	32.8084					

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

**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: railroad, road
- 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
- Minor shaft: ash or cave, mine, quarry, gravel pit
- Campground; stone area; U. S. location monument
- Ruin; 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 on request  
 RETURN TO:  
 USGS WMD HISTORICAL MAP ARCHIVES