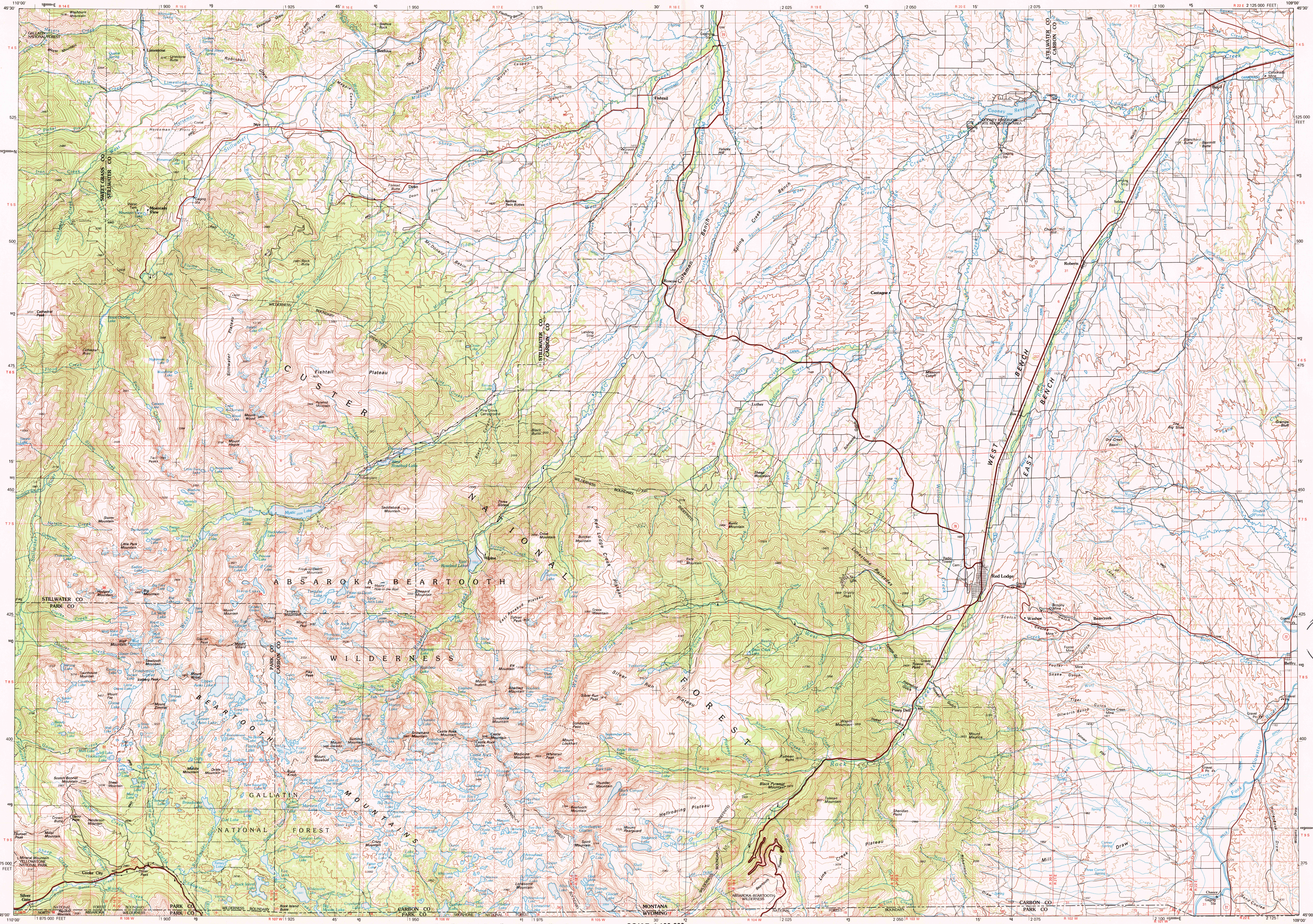




Red Lodge

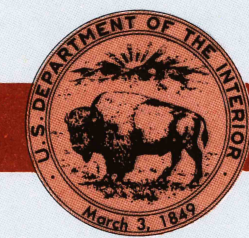
MONTANA-WYOMING

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



GEOLOGICAL SURVEY

1989

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1956-1986. Planimetry revised from aerial photographs taken 1984 and other source data. Revised information not field checked. Map edited 1989.

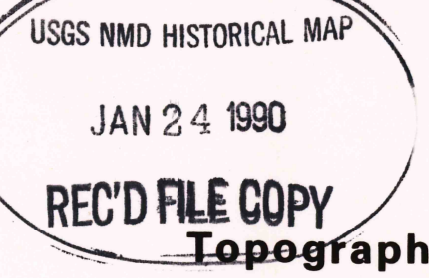
Projection and 10 000-meter grid, zone 12. Universal Transverse Mercator. 25 000-foot grid ticks based on Montana coordinate system south zone. 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 9 meters north and 57 meters east. There may be private 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		1	2	3	4	5
1	3.281		1	2	3	4	5
2	6.562		1	2	3	4	5
3	9.843		1	2	3	4	5
4	13.124		1	2	3	4	5
5	16.405		1	2	3	4	5
6	19.686		1	2	3	4	5
7	22.967		1	2	3	4	5
8	26.248		1	2	3	4	5
9	29.529		1	2	3	4	5
10	32.810		1	2	3	4	5
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN and 1983 magnetic declination) (M)		1 Livingston			
To convert feet to meters multiply by 0.3048		Diagram is approximate		2 Big Timber			
				3 Billings			
				4 Gardiner			
				5 Yellowstone National Park North			
				6 Cody			
				7 Powell			

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 gauge, narrow gauge	Bridge, viaduct, 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	Woodland; 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
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A pamphlet describing topographic maps is available on request