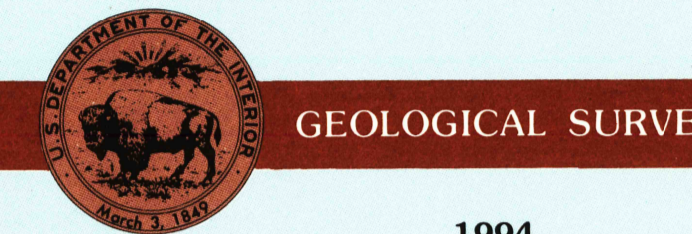


30 X 60 MINUTE QUADRANGLE  
SHOWING

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



Produced by the United States Geological Survey  
 Compiled from USGS 1:24 000-scale topographic maps dated 1962-1988. Planimetry revised from aerial photographs taken 1990-1991 and other source data. Revised information not field checked. Map edited 1994  
 North American Datum of 1927 (NAD 27) Projection and 10 000-meter grid: Universal Transverse Mercator, zone 12  
 25 000-foot ticks; Montana coordinate system south zone and Idaho coordinate system, central zone  
 The values of the shift between NAD 27 and North American Datum of 1983 (NAD 83) for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software  
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 50 METERS  
 SUPPLEMENTARY CONTOUR INTERVAL 25 METERS  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 ELEVATIONS SHOWN TO THE NEAREST METER

TIBS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5275
10	32.8084

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

DECLINATION DIAGRAM

UTM grid convergence (GN) and 1984 magnetic declination (M) at center of map  
 Diagram is approximate

ADJOINING MAPS	1	2	3
1	Hamilton	Phillipsburg	Butte North
2	Butte North	New Pierce Pass	Butte South
3	Butte South	Big Horn Cings	Salmon
4	New Pierce Pass	Big Horn Cings	Salmon
5	Butte North	Butte South	Salmon
6	Butte North	Butte South	Salmon
7	Butte North	Butte South	Salmon
8	Butte North	Butte South	Salmon

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 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, 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; U. S. location monument
- Windmill; water well; spring
- Mine shaft; silt 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

