

USGS
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Hamilton

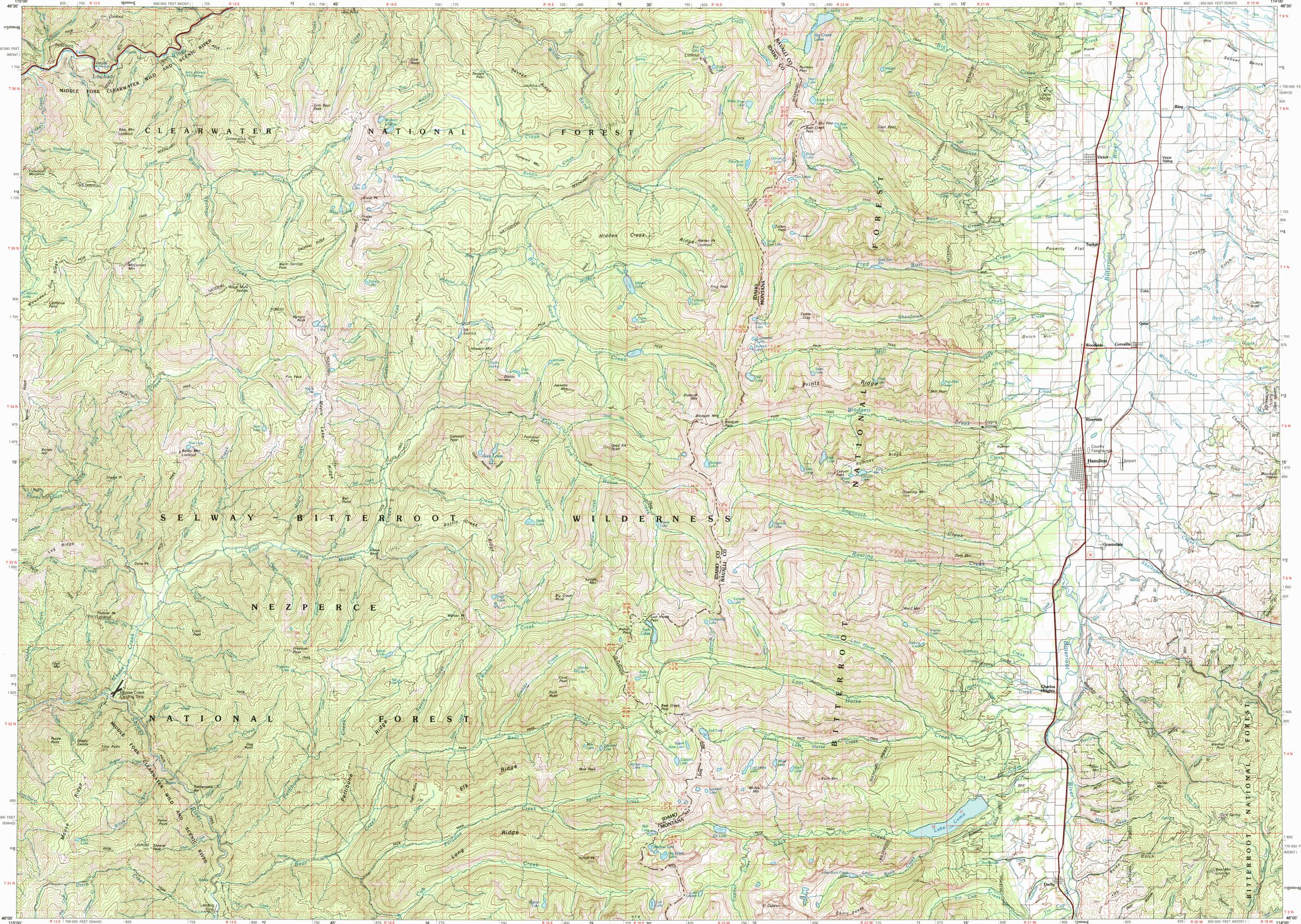
MONTANA-IDAHO

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

1980



Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1964-1967. Planimetry revised from aerial photographs taken 1974, 1979 and other source data. Revised information not field checked. Map edited 1980

North American Datum of 1927 (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 11 25 000-foot ticks: Idaho coordinate system west zone and Montana coordinate system, south 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 10 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY,
 P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	Magnetic Declination		1	2	3
1	3.2808	1° 15'		4	5	6
2	6.5617	1° 30'		7	8	
3	9.8425	1° 45'				
4	13.1234	2° 00'				
5	16.4042	2° 15'				
6	19.6850	2° 30'				
7	22.9659	2° 45'				
8	26.2467	3° 00'				
9	29.5275	3° 15'				
10	32.8084	3° 30'				

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

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

1 Headquarters
 2 Missoula West
 3 Missoula East
 4 Kootenai
 5 Phillipsburg
 6 Elk City
 7 Nez Perce Pass
 8 Wisdom

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 JUN 30 2000
 USGS NW1D
 HISTORICAL MAP ARCHIVES

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	Rail 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; constructed	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	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
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