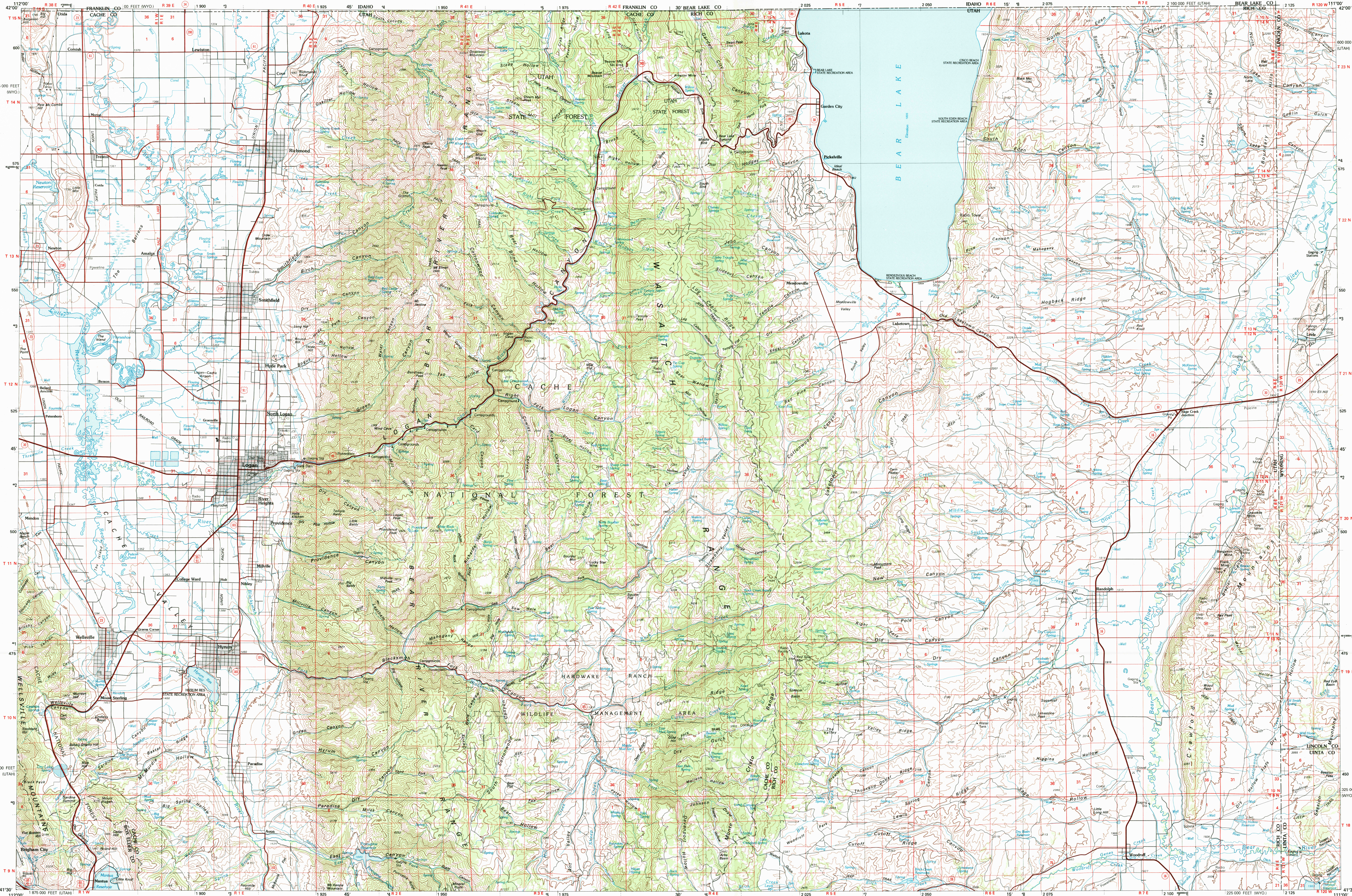


LOGAN, UTAH-WYOMING-IDAHO



USGS
science for a changing world

Logan

UTAH-WYOMING-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

U.S. GEOLOGICAL SURVEY

1984

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1955-1969. Partially revised from aerial photographs taken 1981 and other source data. Revised information not field checked.
Map dated 1984.
Projection and 10 000-meter grid, zone 12 Universal Transverse Mercator
25 000-foot grid ticks based on Utah coordinate system, north zone and Wyoming coordinate system, west zone 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 11 meters north and 64 meters east
Land lines are omitted in large areas of tracts
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
THIS MAP COMPLIES 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		1	2	3
1	3.2808		1	4	5
2	6.5617		6	7	8
3	9.8425				
4	13.1234				
5	16.4042				
6	19.6850				
7	22.9658				
8	26.2467				
9	29.5275				
10	32.8084				
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1984 magnetic declination (MD) at center of map	1 Malad City 2 Preston 3 Fossilville Res 4 Tremonton 5 Kemmerer 6 Promontory Point 7 Ogden 8 Evanston		
To convert feet to meters multiply by 0.3048		Diagram is approximate			

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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, road	
Route marker: Interstate, U. S. State	
Railroad: standard gauge, narrow gauge	
Bridge: overpass, underpass	
Tunnel: road, railroad	
Butt 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	
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	
Shrub, meadow	
Other: viewpoint	

A pamphlet describing topographic maps is available on request
100% RECYCLED PAPER

SCALE 1:100 000
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 50 METERS
KILOMETERS 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
MILES 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
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1984