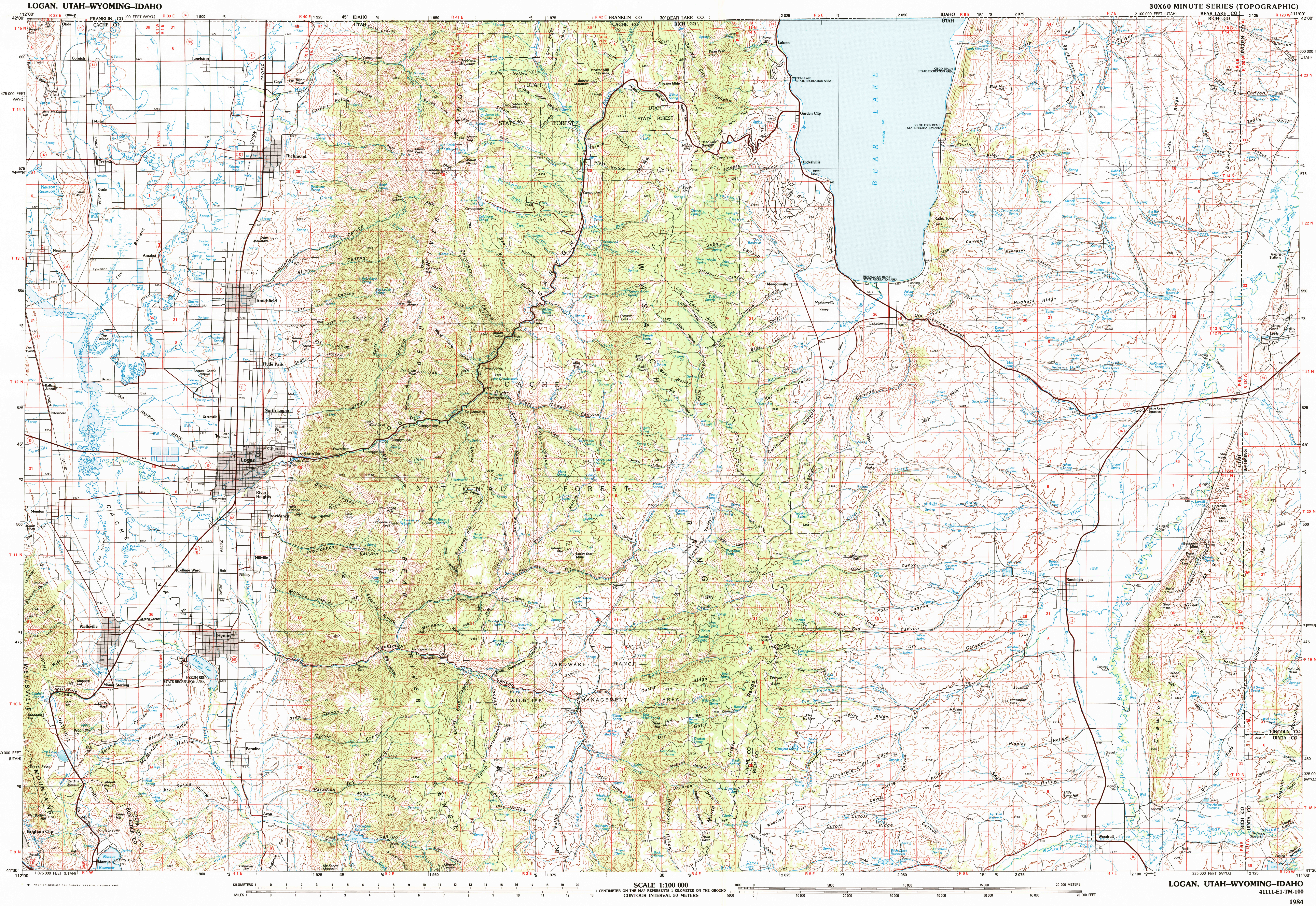




Logan

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

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 edited 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

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet			1	2	3	
2	6.5617			4	5		
3	9.8425	UTM grid convergence (GM) and 1984 magnetic declination (MM) at center of map. Diagram is approximate.		6	7	8	
4	13.1234						
5	16.4042	To convert meters to feet multiply by 3.2808					
6	19.6850						
7	22.9658	To convert feet to meters multiply by 0.3048					
8	26.2467						
9	29.5275						
10	32.8084						

1 Mated City
2 Preston
3 Foreman's Box
4 Tremonton
5 Kemmerer
6 Promontory Point
7 Ogden
8 Evanston

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
USGS NHD HISTORICAL MAP
APR 13 1989
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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: 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	
Windmill, water well, spring	
Mine shaft, adit or cave, mine, quarry, gravel pit	
Campground, picnic area, U. S. location monument	
Ruin, old 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