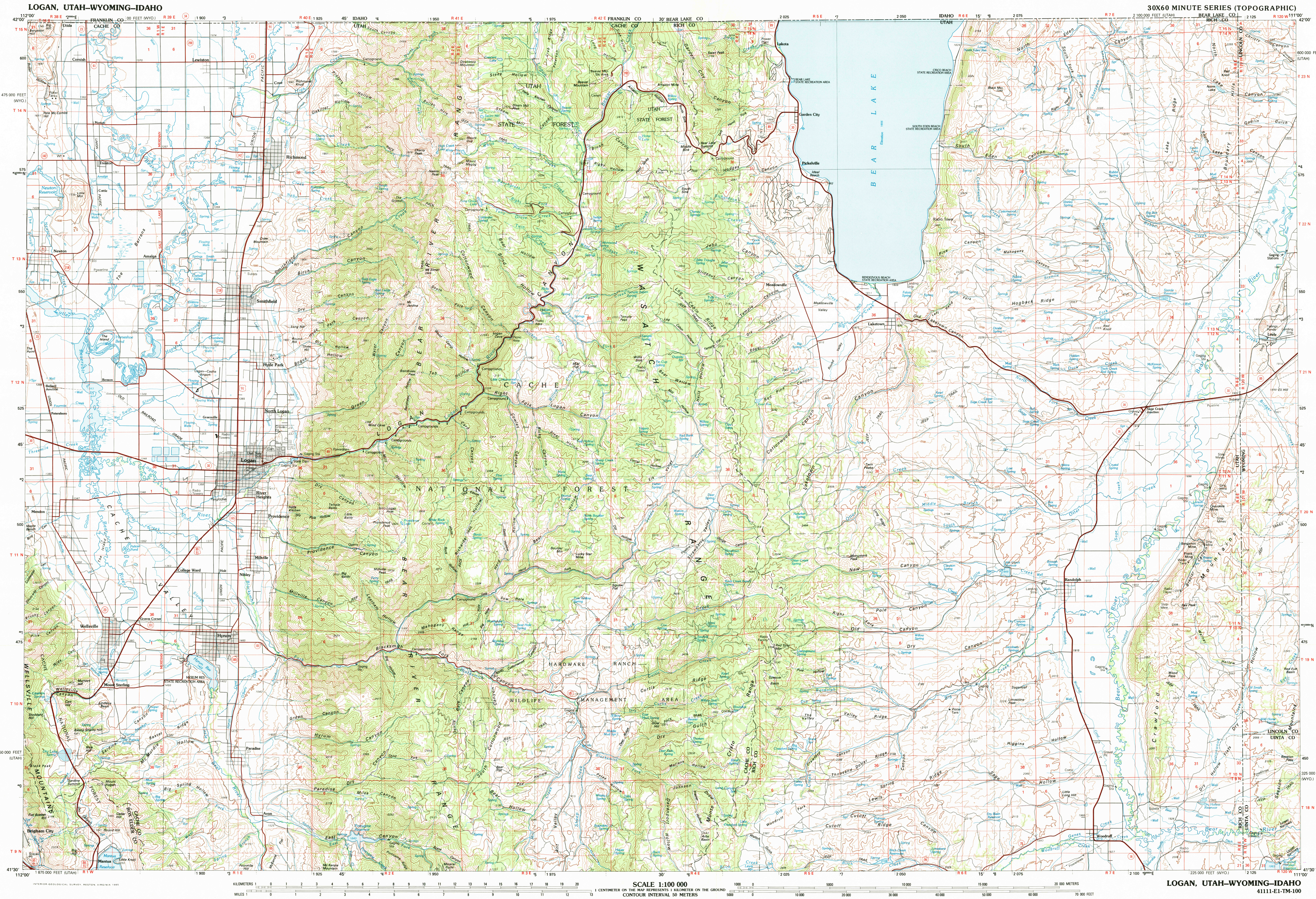
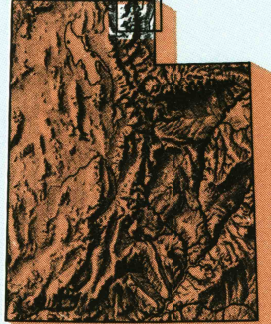




# Logan

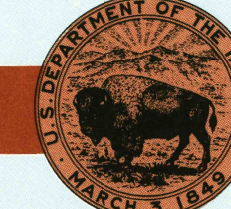
## UTAH-WYOMING-IDAHO

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

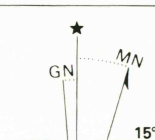
1984

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 |         |
|------------------|---------|
| 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 (GM) and 1983 magnetic declination (MM) at center of map<br>Diagram is approximate |  |

| ADJOINING MAPS |   |   |   |   |
|----------------|---|---|---|---|
| 1              | 2 | 3 | 4 | 5 |
| 6              | 7 | 8 |   |   |

1 Maud City  
2 Preston  
3 Kettlewell Res  
4 Tremontion  
5 Kettlewell  
6 Promontory Point  
7 Ogden  
8 Evanston

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092

USGS INFO HISTORICAL MAP ARCHIVES

MAY 2 2 1995

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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; 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

A pamphlet describing topographic maps is available on request