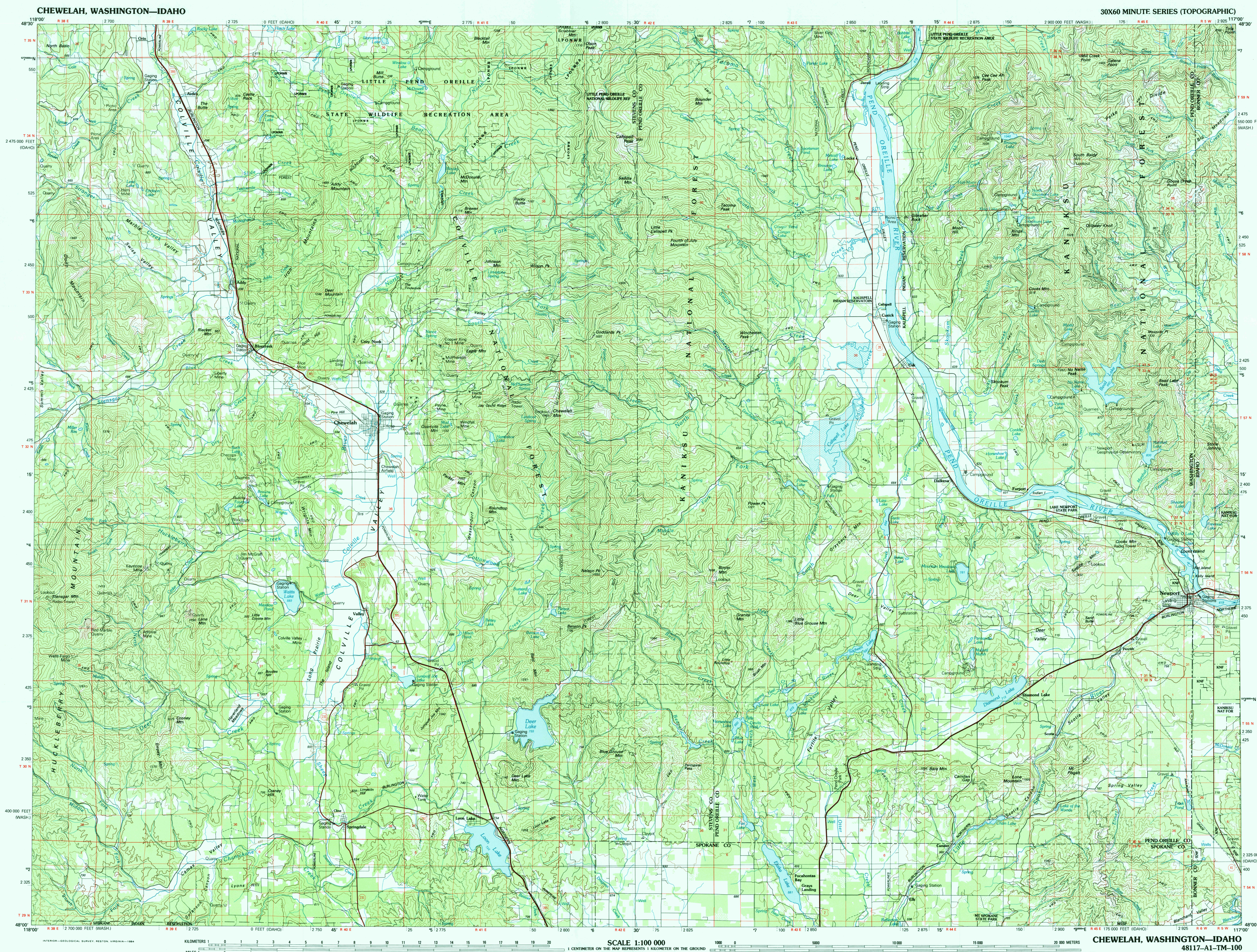






# Chewelah

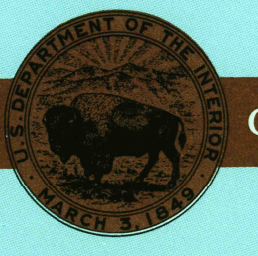
WASHINGTON-IDAHO

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



1984

Produced by the United States Geological Survey  
Compiled from USGS 1:24 000-scale topographic maps dated 1968-1980. Planimetry revised from aerial photographs taken 1977 and other source data. Revised information not field checked. Map edited 1984.  
Projection and 10 000-meter grid, zone 11, Universal Transverse Mercator.  
25 000-foot grid ticks based on Washington coordinate system, north zone and Idaho coordinate system, west zone 1927 North American Datum.  
To place on the predicted North American Datum 1983 move the projection lines 15 meters north and 80 meters east. 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

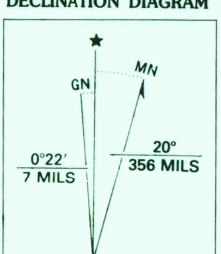
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
P.O. BOX 25286, DENVER, COLORADO, 80225

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

| 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 (GN) and 1984 magnetic declination (MN) at center of map.  
Diagram is approximate.

| ADJOINING MAPS |   |   |  |
|----------------|---|---|--|
| 1              | 2 | 3 |  |
| 1              | 2 | 3 |  |
| 4              | 5 | 6 |  |
| 7              | 8 | 9 |  |

1. Republic  
2. Colville  
3. Bonanza Ferry  
4. Neopoma  
5. Sandpoint  
6. Coeur d'Alene  
7. Spokane  
8. Coeur d'Alene

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HISTORICAL MAP ARCHIVES

ISBN 0-607-57940-4  
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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.

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