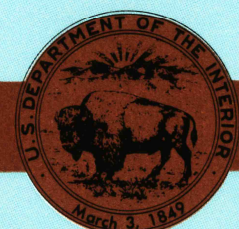


**30 X 60 MINUTE QUADRANGLE
SHOWING**

- **Contours and elevations in meters**
- **Highways, roads and other manmade structures**
- **Water features**
- **Woodland areas**
- **Geographic names**



GEOLOGICAL SURVEY

1987

Produced by the United States Geological Survey

Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1954–1964. Planimetry revised from aerial photographs taken 1981 and other source data
Revised information not field checked

Map edited 1987
Projection and 10 000-meter grid, zone 11
Universal Transverse Mercator
25 000-foot grid ticks based on Idaho coordinate system
west zone and Oregon coordinate system, north zone
1927 North American Datum
To place on the predicted North American Datum 1983 move
the projection lines 16 meters north and 77 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

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet				
1	3,280.8	★ 180° 6 MILS 300 MILS	4	5	
2	6,561.7		4	5	
3	9,842.5		6	7	
4	13,123.4		6	7	
5	16,404.2				
6	19,685.0				
7	22,965.9				
8	26,246.7				
9	29,527.5				
10	32,808.3				

To convert meters to feet multiply by 3.2808 To convert feet to meters multiply by 0.3048	UTM grid convergence (GN) and 1987 magnetic declination (MD) at center of map Diagram is approximate	1 Wallawa 2 Grandperville 3 Elk City 4 Esterline 5 Warren 6 Baker 7 Mc Call 8 Pistol Creek
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FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092

RETURN TO:
USGS NHD 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 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: protected	
Power transmission line; pipeline	
Dam; dam with lock	
Cemetery; building	
Wildmill; water wall; spring	
Mine shaft; adit or cave; mine, quarry; gravel pit	
Campground; picnic area; U.S. location monument	
Recreation: golf	
Disturbed 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.

