

BROGAN, OREGON-IDAHO

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

Brogan OREGON-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

1980

Produced by the United States Geological Survey
Compiled from USGS 1:24 000 and 1:62 500 scale topographic maps dated 1950-1976. Planimetry revised from aerial photographs taken 1974, 1977 and other source data. Revised information not field checked. Map edited 1980

North American Datum of 1927 (NAD 27). Projection and 10 000-meter grid. Universal Transverse Mercator, zone 11. 25 000-foot ticks. Oregon coordinate system, south and north zones, Idaho coordinate system, west zone

The values of the shift between NAD 27 and North American Datum of 1983 (NAD 83) for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software
There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 40 METERS
SUPPLEMENTARY CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

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

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
4	13.1234
6	19.6851
8	26.2468
10	32.8085

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

The diagram shows a vertical line representing true north (N) and a line representing magnetic north (M) that is tilted to the right. The angle between them is labeled 15°. Below the lines is a scale bar marked from 0 to 6 miles. Text at the bottom states: "UTM grid convergence (GN) and 1981 magnetic declination (MN) at center of map. Diagram is approximate."

UTM grid convergence (GN) and 1981 magnetic declination (MN) at center of map.

Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	
6	7	8

- 1 Bates
- 2 Baker
- 3 McCall
- 4 John Day
- 5 Weiser
- 6 Stinkingwater Mts
- 7 Vale
- 8 Boise



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	
Road 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	
Plume; cliff dwelling	
Distorted surface: strip mine, levee, sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index; intermediate	
Stream, lake; perennial; intermittent	
Swamp, large and small; lake, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Shrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request

1980

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTERVAL 40 METERS

SUPPLEMENTARY CONTOUR INTERVAL 20 METERS