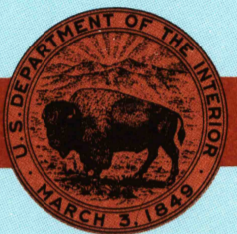


30 X 60 MINUTE QUADRANGLE SHOWING

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



GEOLOGICAL SURVEY

1979 1994 PHOTOINSPECTED 1990

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000- and 1:62 500-scale topographic maps dated 1967-68. Planimetry revised from aerial photographs taken 1974-75 and other source data. Revised information not field checked. Map edited 1979 North American Datum of 1927 (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 10 25 000-foot ticks: Oregon coordinate system, south 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 Protected land lines are dashed Map photoinspected using 1990 photographs No major culture or drainage changes found

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	Diagram		1	2	3
1	3.2808			4	5	6
2	6.5617			1	2	3
3	9.8425			4	5	6
4	13.1234			7	8	9
5	16.4042			10	11	12
6	19.6850			13	14	15
7	22.9659			16	17	18
8	26.2467			19	20	21
9	29.5275			22	23	24
10	32.8084			25	26	27

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

UTM grid convergence (GN and 1979 magnetic declination (M) at center of map Diagram is approximate

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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; protected	
Power transmission line; pipeline	
Dam; dam with lock	
Cemetery; building	
Windmill; water well; spring	
Mine shaft; ash or cave; mine; quarry; gravel pit	
Campground; picnic area; U. S. location monument	
Ruins; cliff dwellings	
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	

