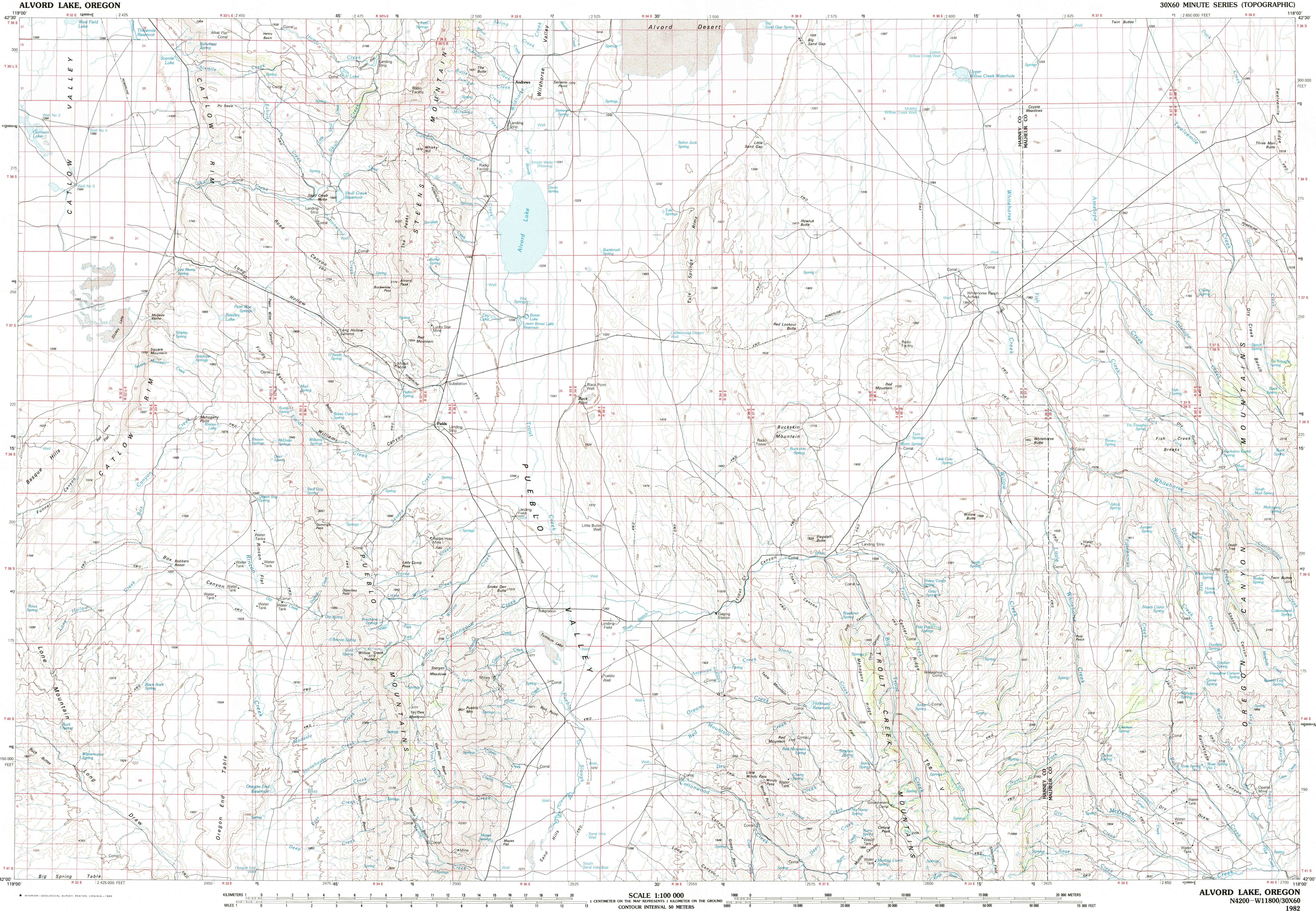
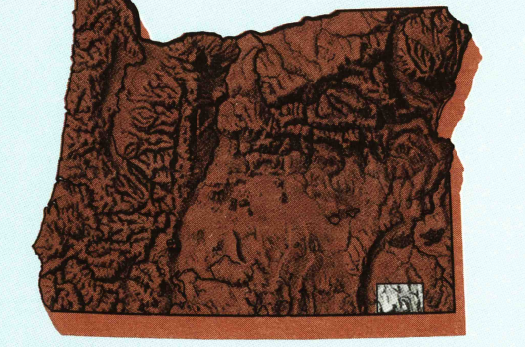




1:100 000-scale metric topographic map of

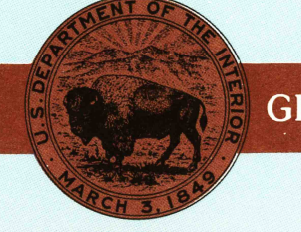
Alvord Lake

OREGON



30 X 60 MINUTE QUADRANGLE SHOWING

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



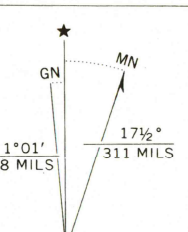
GEOLOGICAL SURVEY

1982

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1971-1982 and maps in progress. Planimetry revised from aerial photographs taken 1979 and other source data. Revised information not field checked. Map edited 1982.
Projection and 10 000-meter grid, zone 11. Universal Transverse Mercator. 25 000-foot grid ticks based on Oregon coordinate system, south zone. 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 16 meters north and 83 meters east.

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	GN		1	2	3
1	3.2808		1° 01' 18" M	4	5	
2	6.5617			6	7	8
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5276					
10	32.8084					

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

UTM grid convergence (GN) and 1982 magnetic declination (M) at center of map. Diagram is approximate.

1 Bluepoint Lake
2 Steens Mountain
3 Jordan Valley
4 Adel
5 Louse Canyon
6 Via
7 Denko
8 Quinn River Valley

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

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	
Ramps, 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	
Ripids, large and small; falls, large and small	
Area to be submerged, marsh, swamp	
Land subject to controlled inundation; woodland	
Shrub; mangrove	
Orchard; vineyard	

A perspective describing topographic maps is available on request.

RETURN TO:
USGS AND HISTORICAL MAP ARCHIVES