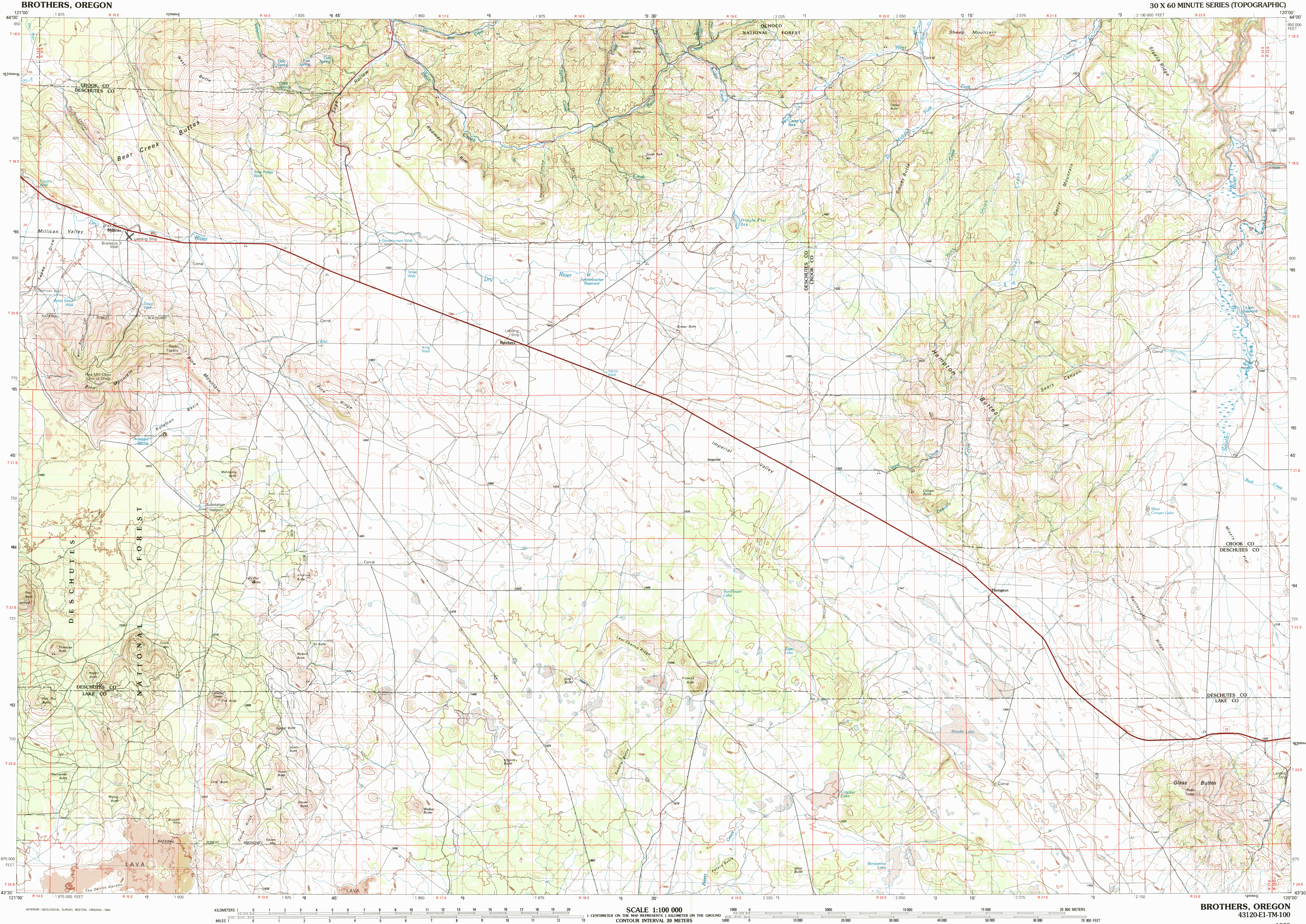


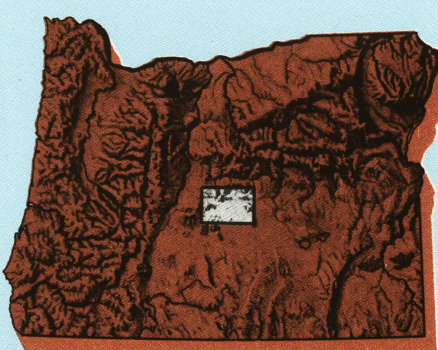




Brothers

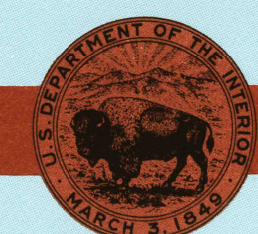
OREGON

1:100 000-scale metric
topographic map of



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

1983
PHOTOINSPECTED 1991

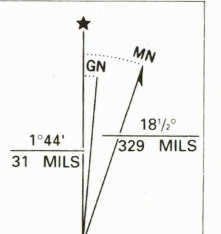
Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1966-1983. Map edited 1983.
North American Datum of 1927 (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 10
25 000-foot ticks: Oregon coordinate system, south zone
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 Geospatial Survey NADCON software
There may be private inholdings within the boundaries of the National or State reservations shown on this map
Map photoinspected using 1991 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
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	29.5276
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 1983 magnetic declination (MD) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	6
7	8	

1 Bend
2 Princeton
3 Dayville
4 La Pine
5 Burns
6 Crescent
7 Christmas Valley
8 Harney Lake

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U.S. GEOLOGICAL SURVEY
HISTORICAL MAP ARCHIVES

ISBN 0-607-45968-9



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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	—————
Woodwell; water well; spring	—————
Mine shaft; adit or cave; mine, quarry; gravel pit	—————
Campground; picnic area; U. S. location monument	—————
Ruins; 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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