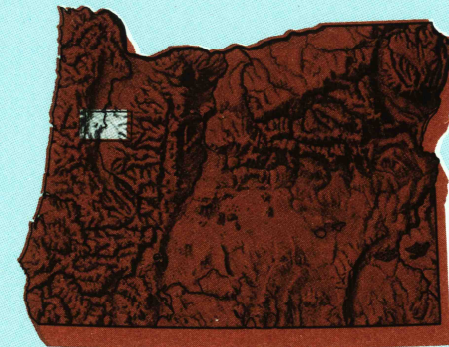


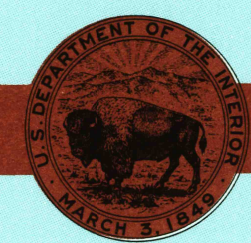


1:100 000-scale metric
topographic map of
**North Santiam River
OREGON**



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

1983

Produced by the United States Geological Survey
Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1951-1970. Planimetry revised from aerial photographs taken 1975 and other source data. Revised information not field checked. Map edited 1983.
Projection and 10 000-meter grid, zone 10, Universal Transverse Mercator.
25 000-foot grid ticks based on Oregon coordinate system, north zone, 1927 North American Datum.
To place on the predicted North American Datum 1983 move the projection lines 19 meters north and 98 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 GEODESIC VERTICAL DATUM OF 1929

THIS MAP COMPLETS WITH NATIONAL MAP ACCURACY STANDARDS

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

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS								
Meters	Feet		1	2	3	4	5	6	7	8	
1	3.2808		1	2	3	4	5	6	7	8	
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		UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map Diagram is approximate	1 Yamhill River 2 Oregon City 3 Mount Hood 4 Corvallis 5 Madras 6 Eugene 7 McKenzie River 8 Bend								
To convert feet to meters multiply by 0.3048											

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USGS NWHL
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	
Windmill; water well; spring	
Mine shaft; adit or cave; mine, quarry; gravel pit	
Campground, picnic area; U. S. location monument	
Ruins, cliff dwelling	
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	
Sand; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request



20%
RECYCLED FIBER

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 50 METERS

NORTH SANTIAM RIVER, OREGON
N4430—W12200/30X60
1983