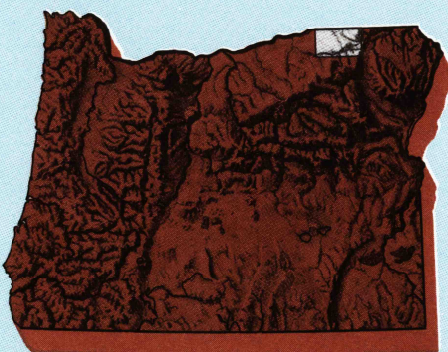


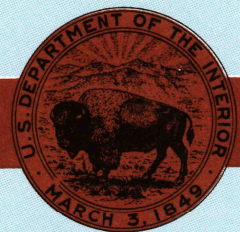
Pendleton
OREGON-WASHINGTON

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

1983

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1963-1978. Planimetry revised from aerial photographs taken 1981 and other source data. Revised information not field checked. Map edited 1983.

Projection and 10 000-meter grid, zone 11.
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 18 meters north and 83 meters east. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 50 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS		
Meters	Feet		1	2	3
1	3.2808		1	2	3
2	6.5617		4	5	6
3	9.8425		7	8	9
4	13.1234		10	11	12
5	16.4042		13	14	15
6	19.6850		16	17	18
7	22.9659		19	20	21
8	26.2467		22	23	24
9	29.5276		25	26	27
10	32.8084		28	29	30
To convert meters to feet multiply by 3.2808		UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map. Diagram is approximate.			
To convert feet to meters multiply by 0.3048			1 Richland 2 Walla Walla 3 Clarkston 4 Hernall 5 Wallawa 6 Hesper 7 La Grande 8 Enterprise		

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: swamp; marsh.....	
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; salt 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.....	

RETURN TO:
USGS AND HISTORICAL MAP ARCHIVES

PENDLETON, OREGON-WASHINGTON

