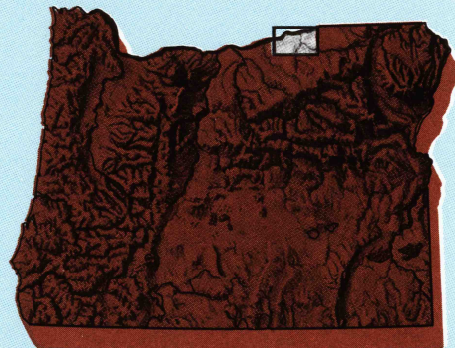


Hermiston

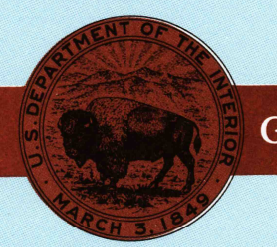
OREGON—WASHINGTON

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



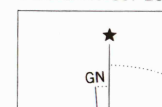
GEOLOGICAL SURVEY

1984

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1962-1978. Planimetry revised from aerial photographs taken 1976-77, and other source data. Revised information not field checked. Map edited 1984.
Projection and 10 000-meter grid, zone 11.
Universal Transverse Mercator
25 000-foot grid ticks based on Oregon coordinate system, north zone and Washington coordinate system, south zone 1972 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 19 meters north and 86 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 GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Feet		1	2	3	4
1	3.2808		1	2	3	4
2	6.5617		4	5	6	7
3	9.8425		5	6	7	8
4	13.1234		6	7	8	9
5	16.4042		7	8	9	10
6	19.6850		8	9	10	
7	22.9659		9	10		
8	26.2467		10			
9	29.5276					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1984 magnetic declination (MD) at center of map Diagram is approximate	1 Toppenish 2 Richland 3 Walla Walla 4 Goldendale 5 Pendleton 6 Condon 7 Heppner 8 La Grande			
To convert feet to meters multiply by 0.3048						

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

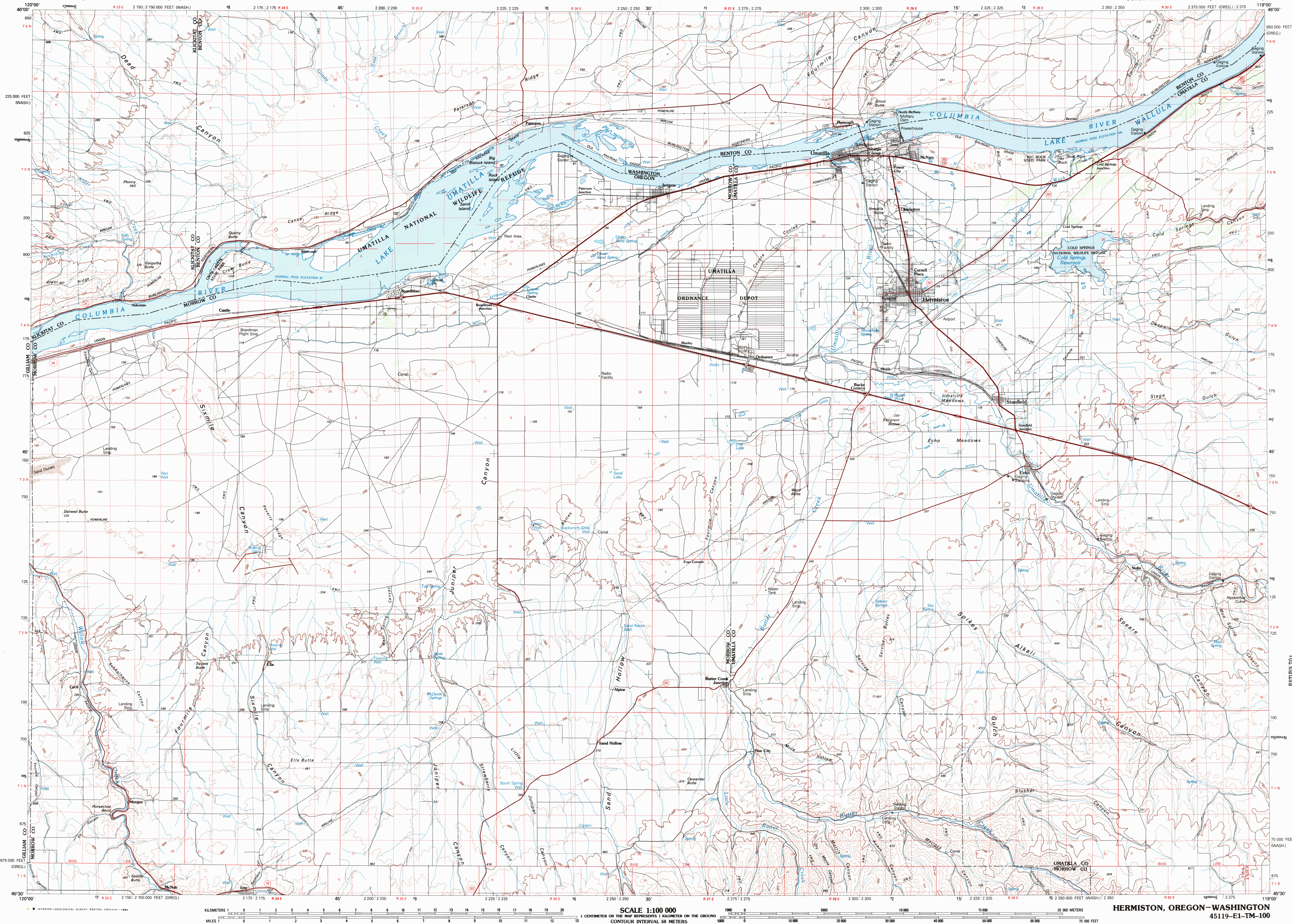
Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, principal street, hard or improved surface	
Other road or street; trail	
Railroad: standard gauge, narrow gauge	
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: 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	
Ruins; cliff dwelling	
Distorted surface: strip mine, lava, sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index; intermediate	
Streams, 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

HERMISTON, OREGON—WASHINGTON

30X60 MINUTE SERIES (TOPOGRAPHIC)



KILOMETERS 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
MILES 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13

SCALE 1:100 000
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 50 METERS

1000 0 5000 10000 15000 20000 30000 40000 50000 60000 70000 METERS

HERMISTON, OREGON—WASHINGTON
45119-E1-TM-100
1984