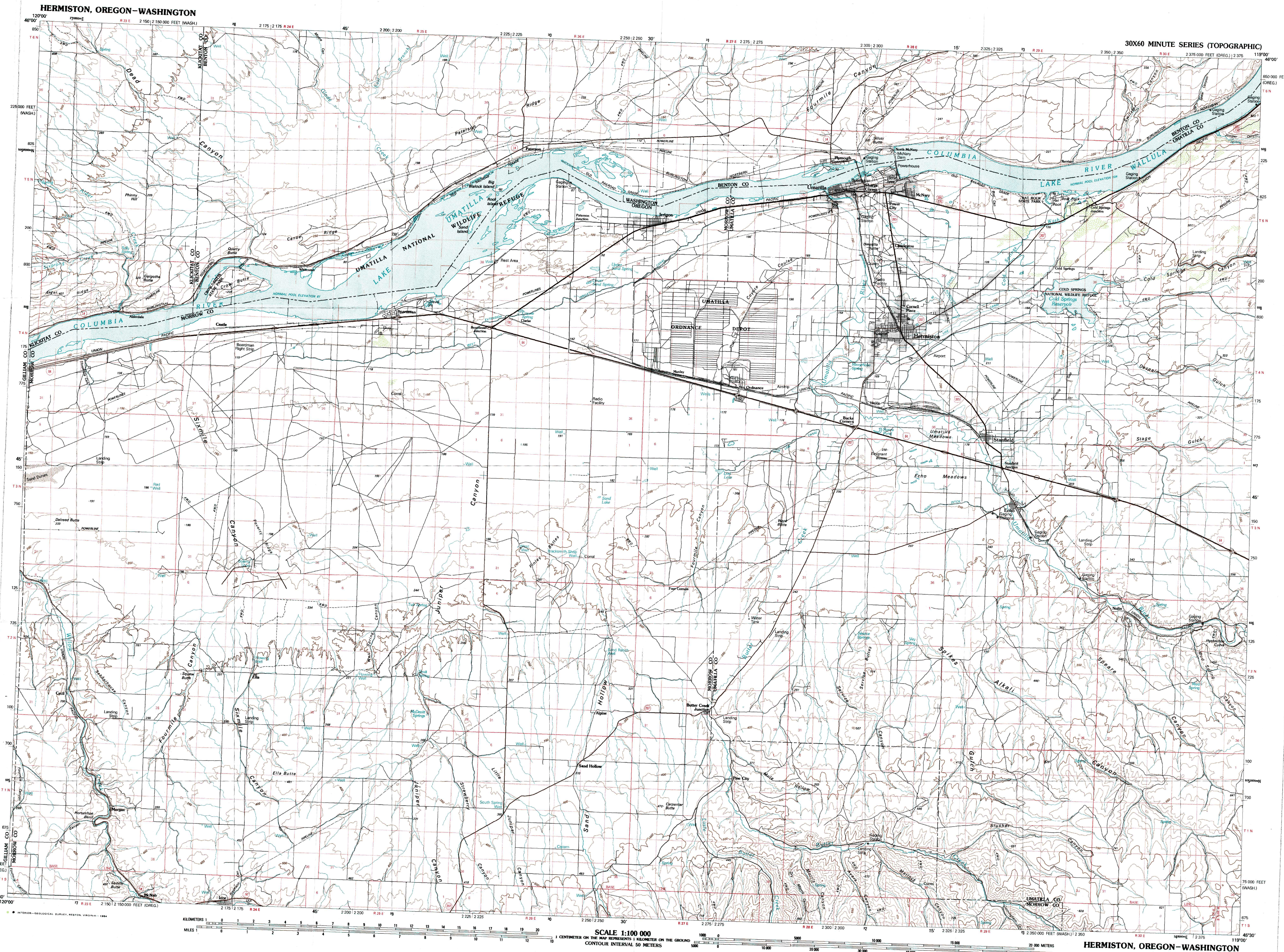




45119-E1-TM-100

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

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

ADJOINING MAPS

1	2	3
4	5	6
7	8	

1 Topographic
2 Richland
3 Walla Walla
4 Goldendale
5 Pendleton
6 Hood
7 Hagerman
8 La Grande

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; mail	Route marker: Interstate; U.S. State	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; 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; old dwelling	Disturbed surface: strip mine, lava, sand	Contours: index; intermediate; supplementary	Bathymetric contours: index; intermediate	Stream, lake; perennial; intermittent	Reefs, large and small; falls, large and small	Reefs to be submerged; marsh; swamp	Land subject to controlled inundation; woodland	Scrub; mangrove	Orchard; vineyard
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A pamphlet describing topographic maps is available on request