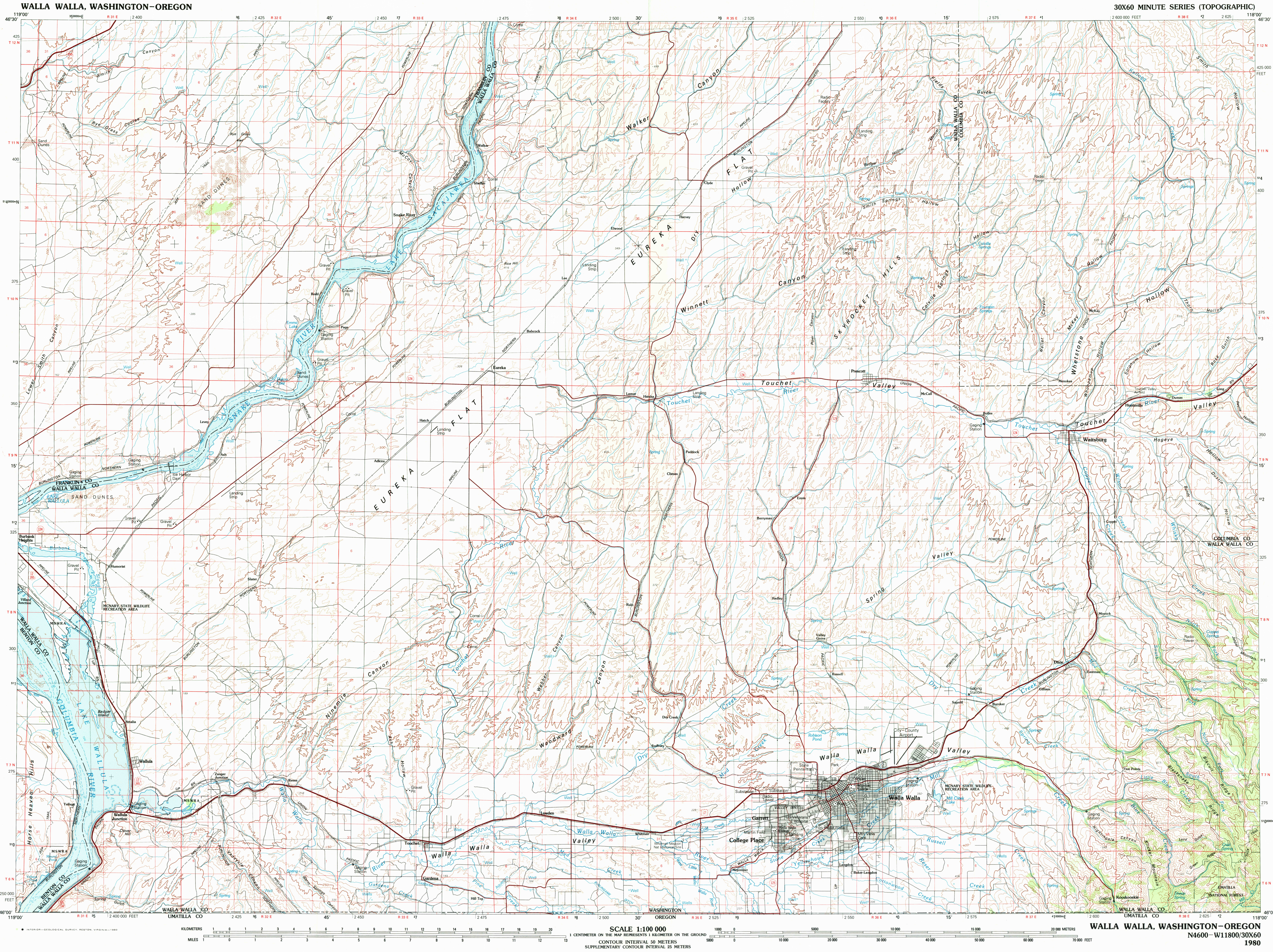




1:100 000-scale metric topographic map of
Walla Walla
WASHINGTON-OREGON

30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

1980

GEOLOGICAL SURVEY

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 1976 and other source data. Revised information not field checked. Map edited 1980
Projection and 10 000-meter grid, zone 11. Universal Transverse Mercator
25 000-foot grid ticks based on Washington coordinate system, south 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 reservation shown on this map

CONTOUR INTERVAL 50 METERS
SUPPLEMENTARY CONTOUR INTERVAL 25 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	
1	3.2808						
2	6.5617			4	5		
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 (GMT) and 180 magnetic declination (MD) at center of map. Diagram is approximate		1 Priest Rapids			
To convert feet to meters multiply by 0.3048				3 Pullman			
				4 Richland			
				5 Clarkston			
				6			
				7			
				8			

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
County boundary
County boundary
National or State reservation boundary
Land grant boundary
U. S. public lands survey: range, township, section
Range, township, section line; patented
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
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