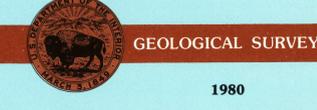


1:100 000-scale metric topographic map of **Walla Walla** WASHINGTON—OREGON



- 30 X 60 MINUTE QUADRANGLE SHOWING
- Contours and elevations in meters
  - Highways, roads and other manmade structures
  - Water features
  - Woodland areas
  - Geographic names



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

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

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	Magnetic declination		1	2	3
1	3.2808	1980		4	5	
2	6.5617	1975		6	7	8
3	9.8425	1970		1 Priest Rapids		
4	13.1234	1965		2 Pullman		
5	16.4042	1960		3 Richland		
6	19.6850	1955		4 Clarkston		
7	22.9659	1950		5		
8	26.2467	1945		6		
9	29.5276	1940		7		
10	32.8084	1935		8		

To convert meters to feet multiply by 3.2808  
 To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1980 magnetic declination (MD) center of map  
 Diagram is approximate



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: protracted
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery; building
- Well: 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