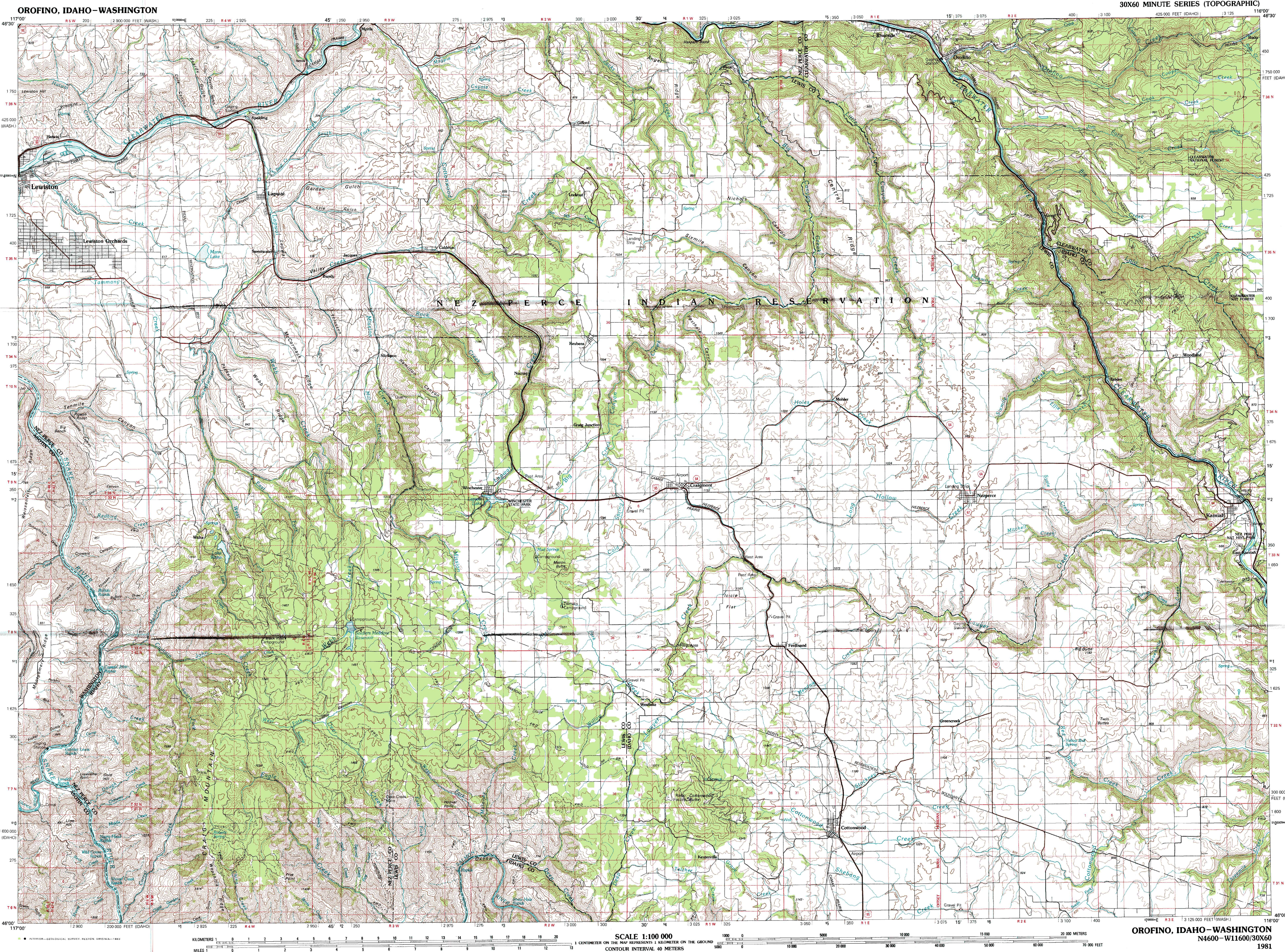




1:100 000-scale metric
topographic map of

Orofino

IDAHO-WASHINGTON

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

1981

Produced by the United States Geological Survey
Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1958-1972. Photography revised from aerial photographs taken 1975, 1977, and other source data. Revised information not field checked. Map edited 1981
Projection and 10 000-meter grid, zone 11, Universal Transverse Mercator
25 000-foot grid ticks based on Idaho coordinate system, west zone and Washington coordinate system, south zone 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 16 meters north and 77 meters east
There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 40 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3 280
2	6 561
3	9 842
4	13 123
5	16 404
6	19 685
7	22 966
8	26 247
9	29 528
10	32 809

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

UTM grid convergence (GN) and 1981 magnetic declination (MN) at center of map
Diagram is approximate

1	2	3
1 Pullman	2 Pullach	3 Headquarters
4 Clatskanie	5 Koonika	6 Walla Walla
7 Grangeville	8 Elk City	

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

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

Rail; cliff dwelling

Disturbed 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

A pamphlet describing topographic maps is available on request