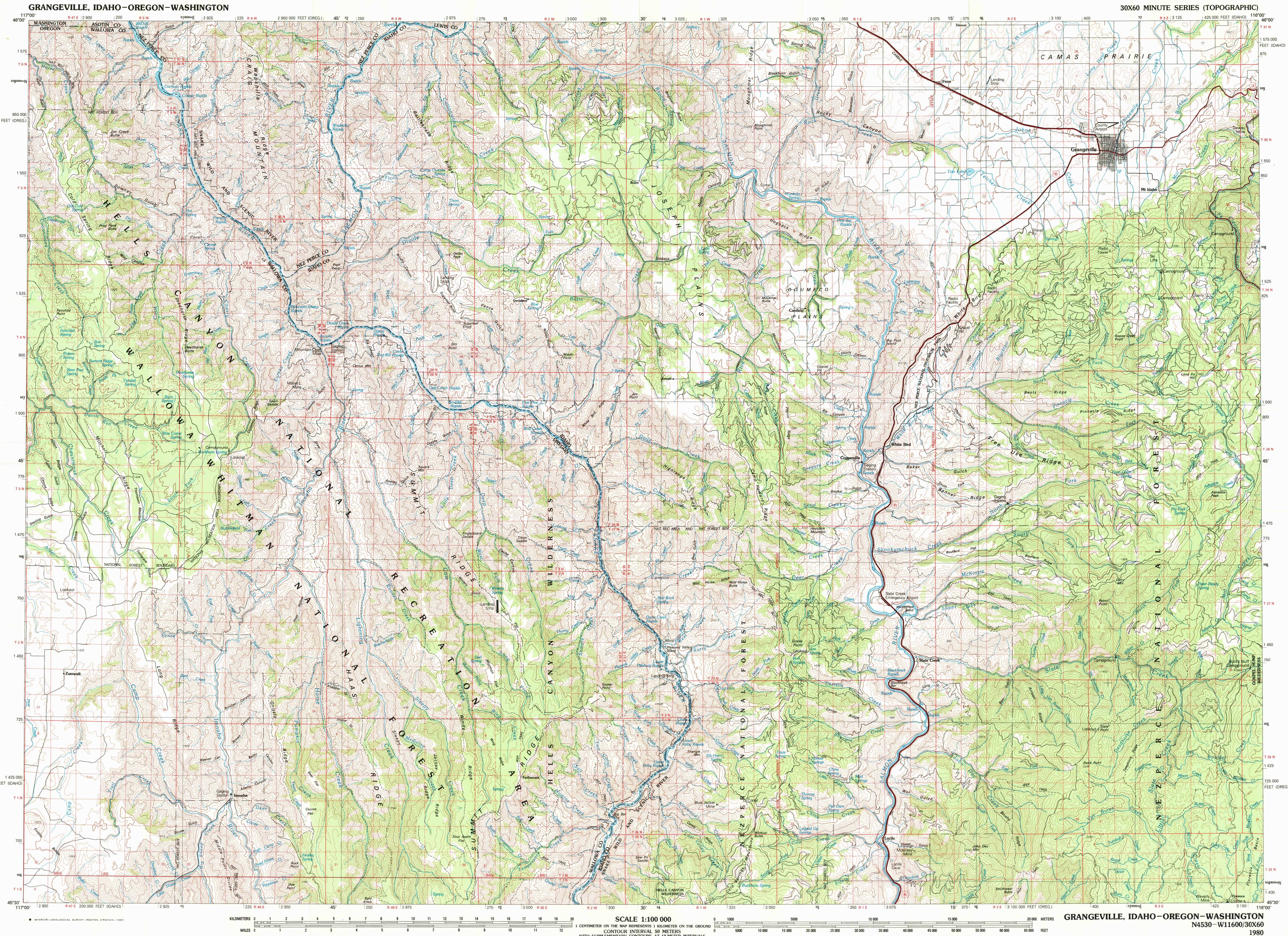


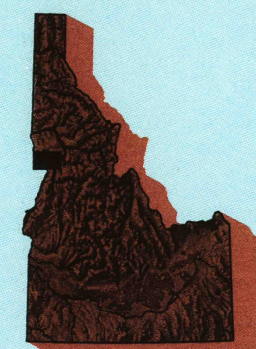


1:100 000-scale metric topographic map of

NOV 12 1980

Grangeville

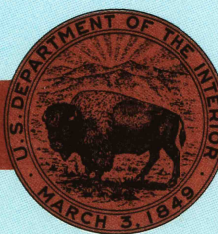
IDAHO-OREGON-WASHINGTON



USGS
Historic
Topographic Division

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

1980

Produced by the United States Geological Survey
Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1954-1963. Planimetry revised from aerial photographs taken 1976-77 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 Idaho coordinate system, west zone and Oregon coordinate system, north 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 50 METERS
WITH SUPPLEMENTARY CONTOURS AT 10-METER INTERVALS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

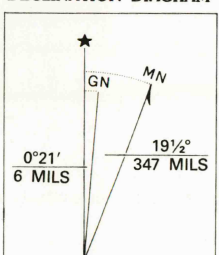
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE

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	29.5275
10	32.8084

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

DECLINATION DIAGRAM



UTM grid convergency (GN) and 1980 magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

- Clarkston
- Orofino
- Kootenai
- Elk City
- Enterprise
- Riggins
- Warren

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80221
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

Bridges; overpass; underpass

Tunnel: road; railroad

Built up areas; 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: projected

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

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

KILOMETERS

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

MILES

0 1000 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000

20 000 METERS

0 1000 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000

FEET

SCALE 1:100 000

CONTOUR INTERVAL 50 METERS

WITH SUPPLEMENTARY CONTOURS AT 10-METER INTERVALS

GRANGEVILLE, IDAHO-OREGON-WASHINGTON

N4530-W11600/30X60

1980

• INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1980

A pamphlet describing topographic maps is available on request