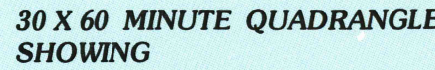


1:100 000-scale *metric*
topographic map



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



1984

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1972-1983. Planimetry revised from aerial photographs taken 1980 and other source data. Revised information not field checked. **Map edited 1984**

Projection and 10 000-meter grid, zone 12.

Universal Transverse Mercator
25 000-foot grid ticks based on Arizona coordinate system,
east zone and New Mexico coordinate system, west zone

1927 North American Datum
To place on the predicted North American Datum 1983
move the projection lines 1 meter north and 59 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

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	29.5275
10	32.8084

Feet	Meters
1	0.3048
2	0.6096
3	0.9144
4	1.2192
5	1.5240
6	1.8288
7	2.1336
8	2.4384
9	2.7432
10	3.0480

UTM grid convergence (GN) and 1984 magnetic declination (MM) at center of map	Diagram is approximate
0°53'	13'
16 MILS	231 MILS

The diagram shows a UTM grid with a north arrow and a scale bar. The grid lines are labeled with UTM coordinates. The north arrow is labeled 'GN' and 'MM'. The scale bar is labeled '0°53'' and '13''.

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 802
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
Interchange; standard gauge; narrow gauge
Bridge: overpass, underpass
Tunnel; road, railroad
Built up area, building, elevation
Airport; landing field, landing strip
National boundary
State boundary
County boundary
National or State reservation boundary
and grant boundary
U.S. public lands survey: range, township; section
Range, township, section line; prerogative
Power transmission line; pipeline
Dam; dam with lock
Cemetery; building
Mine shaft; well, spring
Mine shaft; well, or cave; mine, quarry; gravel pit
Cemetery, picnic area; U.S. location monument
Ruins; cliff dwelling
Distorted surface: strip mine, lake, sand
Stream: mine; intermittent; supplementary
Hydrologic contour; index; intermediate
Contour line: perennial; intermittent
Rapid, large and small; falls, large and small
Lake to be submerged; marsh, swamp
Land subject to controlled inundation, woodland
Scrub, mangrove
Orchard; vineyard

A pamphlet describing topographic maps is available on request.

