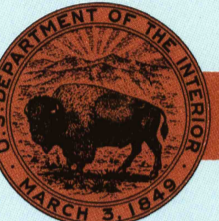


30 X 60 MINUTE QUADRANGLE SHOWING

- 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 in cooperation with the Soil Conservation Service and Bureau of Land Management

Compiled from USGS 1:24 000-scale topographic maps dated 1951-1973. Partially revised from aerial photographs taken 1974, 1978 and other source data. Revised information not field checked. Map edited 1981. Projection and 10 000-meter grid, zone 12 Universal Transverse Mercator. 25 000-foot grid ticks based on New Mexico coordinate system, west zone, 1927 North American datum. The difference between 1927 North American Datum and North American Datum of 1983 (NAD 83) for 7.5 minute intersections is given in USGS Bulletin 1875.

Where omitted, land uses have not been established. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

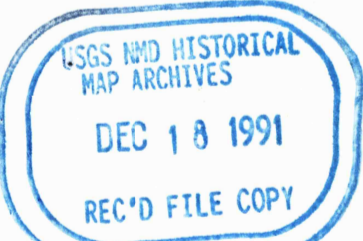
CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	Mag.	True	1	2	3
1	3.2808		12.1°	4	1	5
2	6.5617			4	2	3
3	9.8425			4	3	3
4	13.1234			4	4	3
5	16.4042			4	5	3
6	19.6850			4	6	3
7	22.9659			4	7	3
8	26.2467			4	8	3
9	29.5275			4	9	3
10	32.8084			4	10	3

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 (MD) at center of map (Diagram is approximate)

1 Concho
2 Gallup
3 Cimarron Mesa
4 Sanders
5 Grants
6 Saint Johns
7 Fence Lake
8 Acoma Pueblo

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, road
- 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: protected
- 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
- Ruin; cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index, intermediate, supplementary
- Bathymetry: contour, 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
- Rock, outcrop
- Order: viewer