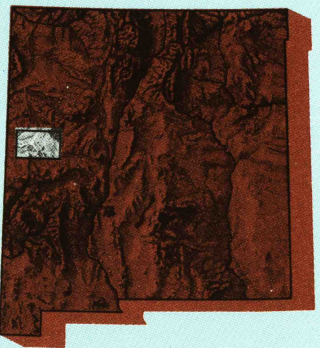




30 X 60 MINUTE QUADRANGLE
SHOWING

- 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

Compiled from USGS 1:24 000-scale topographic maps
dated 1967-1972. Partially revised from aerial
photographs taken 1970-74 and other source data.
Revised information not field checked.

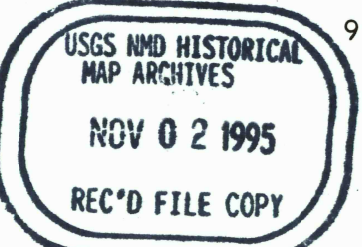
Map edited 1981.
Projection and 10 000-meter grid, zone 12
Universal Transverse Mercator.
25 000-foot grid ticks based on New Mexico coordinate
system, west zone. 1927 North American datum.
To place on the predicted North American Datum 1983 move
the projection lines 1 meter south and 56 meters east.
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	Foot		1	2	3	
1	3.2808		1	2	3	1 Sanders
2	6.5617		4	5		2 Zuni
3	9.8425					3 Grants
4	13.1234					4 Santa Fe
5	16.4042		6	7	8	5 Acuna Pueblo
6	19.6850					6 Soper
7	22.9658					7 Chamisa
8	26.2467					8 Magdalena
9	29.5275					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN and 1981 magnetic declination) M at center of map. Diagram is approximate.				
To convert feet to meters multiply by 0.3048						

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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: protracted	
Power transmission line; pipeline	
Dam, dike with lock	
Cemetery; building	
Windmill; water well; spring	
Mine shaft; adit or cave; mine, quarry; gravel pit	
Campground; picnic area; U. S. location monument	
Ruin; cliff dwelling	
Disturbed surface: dry 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

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1981

