

SOCORRO, NEW MEXICO

30x60 MINUTE SERIES (TOPOGRAPHIC)

1:100 000-scale metric

topographic map of

Socorro
NEW MEXICO

FEB 13 1980

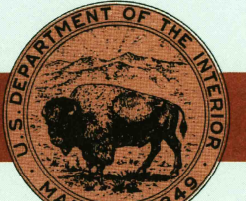


Topographic Division

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

1979

Produced by the United States Geological Survey in cooperation with the Bureau of Land Management

Compiled from USGS 1:24 000-scale topographic maps dated 1952-1972. Planimetry revised from aerial photographs taken 1972-1977 and other source data. Revised information not field checked. Map edited 1979.

Projection and 10 000-meter grid, zone 13, Universal Transverse Mercator

25 000-foot grid ticks based on New Mexico coordinate system, central and west zones

1927 North American datum

To place on the predicted North American Datum 1983 move the projection lines 3 meters south and 52 meters east

There may be private inholdings within the boundaries of the National or State reservations shown on this map

Where omitted, land lines have not been established or are not shown because of insufficient data

CONTOUR INTERVAL 20 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Feet		1	2	3	
1	3.2808		1	2	3	
2	6.5617		4	5	6	
3	9.8425		7	8	9	
4	13.1234		10	11	12	
5	16.4042		13	14	15	
6	19.6850		16	17	18	
7	22.9658		19	20	21	
8	26.2467		22	23	24	
9	29.5275		25	26	27	
10	32.8084		28	29	30	
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1977 magnetic declination (MN) at center of map. Diagram is approximate.				
To convert feet to meters multiply by 0.3048						

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.....	
Road marker, intermediate, U.S. State.....	
Railroad: standard gage, narrow gage.....	
Bridges: 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: protected.....	
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.....	

A pamphlet describing topographic maps is available on request

