



SCALE 1:100 000

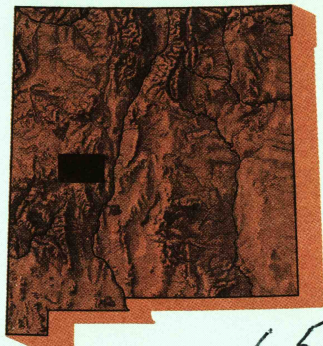
SCALE 1:100 000

ON THE MAP REPRESENTS 1 KILOMETRE  
CONTOUR INTERVAL 20 METRE

MAGDALENA, NEW MEXICO

1979

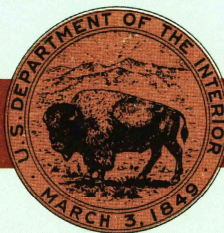
Historical and  
Topographic Division



6503

### 30 X 60 MINUTE QUADRANGLE

- 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 and 1:62 500-scale topographic maps dated 1959-1965. Planimetry revised from aerial photographs taken 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

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

Dashed red lines indicate protracted land lines  
Where omitted, land lines have not been established  
as yet, not shown because of insufficient data

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

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  |                                                                                                      |  |                                                                                                       |   |   |
| 2                                            | 6.5617  |                                                                                                      |  |                                                                                                       |   |   |
| 3                                            | 9.8425  |                                                                                                      |  |                                                                                                       |   |   |
| 4                                            | 13.1234 |                                                                                                      |  |                                                                                                       |   |   |
| 5                                            | 16.4042 |                                                                                                      |  |                                                                                                       |   |   |
| 6                                            | 19.6850 |                                                                                                      |  |                                                                                                       |   |   |
| 7                                            | 22.9658 |                                                                                                      |  |                                                                                                       |   |   |
| 8                                            | 26.2467 |                                                                                                      |  |                                                                                                       |   |   |
| 9                                            | 29.5276 |                                                                                                      |  |                                                                                                       |   |   |
| 10                                           | 32.8084 |                                                                                                      |  |                                                                                                       |   |   |
| To convert meters to feet multiply by 3.2808 |         | GTM and convergence (GN and 1979 magnetic declination) (M/N) center of map<br>Diagram is approximate |  |                   |   |   |
| To convert feet to meters multiply by 0.3048 |         |                                                                                                      |  | 1 Fence Lake<br>2 Acoma Pueblo<br>3 Belen<br>4 Socorro<br>5 San Maten Mountains<br>6 Oscura Mountains |   |   |

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092

Primary highway, hard surface  
Secondary highway, hard surface  
Light duty road, principal street, hard or improved surface  
Other road or way, road  
Road marker: Interstate, U.S. State  
Railroad: standard gage, narrow gage  
Bridge, overpass, underpass  
Tunnel, road, rail, road  
Built up area, locally elevated  
Orchard, 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  
Mine: water well; spring  
Mine: shaft; well or cave; mine, quarry; gravel pit  
Campground; picnic area; U.S. location monument  
Ruins, cliff dwelling  
Distorted surface: strip mine, lake, sand  
Stream: index, intermittent, supplementary  
Bathymetric contours; index, intermediate  
Contour, lake; perennial, intermittent  
Rapids, large and small; falls, large and small  
Area to be submerged; marsh, swamp  
Land subject to controlled inundation; woodland  
Slosh, mapped  
Orchard; vineyard

A pamphlet describing topographic maps is available on request.

