



Ruidoso

NEW MEXICO

1:100 000-scale *metric* topographic map

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

1984

Produced by the United States Geological Survey
Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1961-1982. Partially revised from aerial photographs taken 1974 and other source data.
Revised information not field checked.
Map edited 1984.

Projection and 10 000-meter grid, zone 13
Universal Transverse Mercator
25 000-foot grid ticks based on New Mexico coordinate system, central and east zones. 1927 North American Datum.
To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 45 meters east.
Where omitted land lines have not been established or are 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 50 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARD

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					
4	13.1234					
5	16.4043					
6	19.6852					
7	22.9660					
8	26.2469					
9	29.5278					
10	32.8084					

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

UTM grid convergence (GN and 1984 magnetic) at center of map
Diagram is approximate

1 Oscura Mountains
2 Carrizozo
3 Salt Creek
4 Tularosa
5 Roswell
6 White Sands
7 Alamogordo
8 Arriba

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	
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; projected	
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	
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	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request

RETURN TO:
USGS NHD HISTORICAL MAP ARCHIVES

1984