



1:100 000-scale metric topographic map of **Toadlena** NEW MEXICO



30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey  
 Compiled from USGS 1:24 000-scale topographic maps dated 1965-1966. Planimetry revised from aerial photographs taken 1978 and other source data. Revised information not field checked. Map edited 1980.  
 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 north and 57 meters east  
 There may be private inholdings within the boundaries of the National or State reservations on this map.

CONTOUR INTERVAL 20 METERS  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	1973	1979	1	2	3
1	3.2808	1137'	1292'	1	2	3
2	6.5616			4	5	6
3	9.8424					
4	13.1232					
5	16.4040					
6	19.6848					
7	22.9656					
8	26.2464					
9	29.5272					
10	32.8080					

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

UTM grid convergence (km) and magnetic declination (m) at center of map  
 Diagram is approximate

1 Rock Point  
 2 Farmington  
 3 Navajo Reservoir  
 4 Canyon de Chelly  
 5 Chaco Canyon  
 6 Ganado  
 7 Gallup  
 8 Chaco Mesa

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

**Topographic Map Symbols**

- Primary road, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Roadway, unimproved, U. S. State
- Railroad, standard gage; narrow gage
- Bridge, covered; underpass
- Tunnel, 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
- Wellhead, 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
- Contour, 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