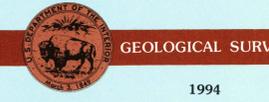




30 X 60 MINUTE QUADRANGLE SHOWING

- 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 1957-1987. Planimetry revised from aerial photographs taken 1991 and other source data. Revised information not field checked. Map edited 1994.  
 North American Datum of 1927 (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 12 25 000-foot ticks. Arizona coordinate system east zone and New Mexico coordinate system, west zone. The values of the shift between NAD 27 and North American Datum of 1983 (NAD 83) for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.  
 There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 50 METERS  
 SUPPLEMENTARY CONTOUR INTERVAL 25 METERS  
 NATIONAL GEODETIC DATUM OF 1929  
 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS	
Meters	Feet		1 2 3	
2	6.560		4 5	
4	13.120		6 7 8	
6	19.680			
8	26.240			
10	32.800			
To convert meters to feet multiply by 3.2808			<p>UTM grid convergence (GN) and UTM geographic declination (DM) at center of map. Diagram is approximate.</p>	1 Tucson
To convert feet to meters multiply by 0.3048				2 Fort Huachuca
				3 Arizona
				4 Douglas
			5 Alamogordo	
			6 San Bernardino	
			7 San Bernardino	
			8 Alamogordo	

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 HISTORICAL MAP ARCHIVES

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, rail
- Route marker: Interstate; U. S. State
- Railroad: standard gage; narrow gage
- Bridge: overpass; underpass
- Canal: 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; dam with lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Compass; 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
- Shrub; mangrove
- Cliffed; vineyard

