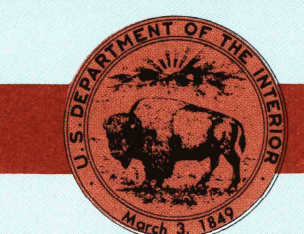




30 X 60 MINUTE QUADRANGLE  
SHOWING

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



GEOLOGICAL SURVEY

1994

Produced by the United States Geological Survey

Compiled from USGS 1:250 000-scale topographic maps dated 1952-1981. 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 central and east zones.

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  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES 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	0°14'	11°11'	1	2	3
1	3.2808			4	2	3
2	6.5617			1	5	
3	9.8425			2	6	7
4	13.1234			3	7	8
5	16.4042			4	8	
6	19.6850			5	9	
7	22.9659			6	10	
8	26.2467			7	11	
9	29.5275			8	12	
10	32.8084					

UTM grid convergence (GM) and 1984 magnetic declination (MD) at center of map. Diagram is approximate.

1 Silver Bell Mountain  
2 Tucson  
3 San Rafael Swain  
4 Sells  
5 Fort Huachuca Peak  
6 Atascosa Mountains  
7 Nogales  
8 Douglas

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USGS/NDP 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, bare
- Road 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: 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
- Rain, cliff dwelling
- Disturbed surface: strip mine, lake, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake, perennial, intermittent
- Rapids, weir and small, high, large and small
- Area to be submerged: marsh, swamp
- Land subject to controlled inundation, woodland
- Sorb, mangrove
- Orchard, vineyard

