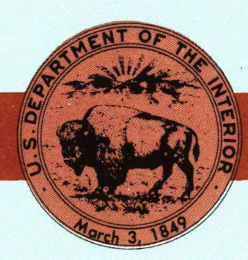


30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1993

Produced by the United States Geological Survey

U.S. portion compiled from USGS 1:24 000-scale topographic maps dated 1955-1988. Planimetry revised from aerial photographs taken 1980 and other source data. Revised information not field checked.

Mexico portion derived from DGG 1:50,000-scale topographic map dated 1977. Ciudad Morelos 111D67. Map edited 1993.

1927 North American Datum (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 11 50 000-foot scale. Arizona coordinate system west zone and California coordinate system, zone 6.

The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1875. Mexico portion is NAD 27. There may be private inholdings within the boundaries of the National or State reservations in the U.S. portion shown on this map.

CONTOUR INTERVAL 40 METERS IN THE UNITED STATES
SUPPLEMENTARY CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO NEAREST METER
CONTOUR INTERVAL 10 METERS IN MEXICO
DATUM IS MEAN SEA LEVEL

THE U.S. PORTION OF THIS MAP COMPLIES WITH NATIONAL
MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS					
Meters	Feet							
1	3.2808	<p>A declination diagram showing a vertical line representing True North (T) and a line representing Magnetic North (M) tilted to the right. The angle between them is labeled 12° 17' 12". Below the diagram, two horizontal lines are labeled 24 MILS and 222 MILS.</p>	1	2				
2	6.5617		4					
3	9.8425							
4	13.1234							
5	16.4042							
6	19.6850							
7	22.9658							
8	26.2467							
9	29.5275							
10	32.8084							
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and magnetic declination (MN) at center of map. Diagram is approximate.	1 Salton Sea 2 Tigris Gorge 3 Little Horn Mountains 4 El Centro 5 Daishan 6 7 Tiaojia Altas 8 Gabeca Priests Mountains					
To convert feet to meters multiply by 0.3048								

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USGS/USGS
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P.O. BOX 22266, DENVER, COLORADO, 80225

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, road
- 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, protected
- Power transmission line, pipeline
- Dam, dam with lock
- Cemetery, building
- Windmill, water well, spring
- Mine shaft, not or cave, mine, quarry, gravel pit
- Campground, picnic area, U. S. location monument
- Ruins, cliff dwelling
- Disrupted 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, woodshed
- Scrub, mangrove
- Orchard, vineyard

A pamphlet describing topographic maps is available on request



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