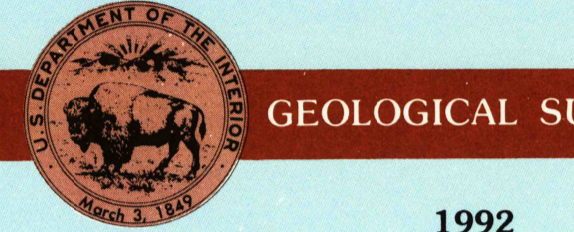


30 X 60 MINUTE QUADRANGLE SHOWING

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



1992

Produced by the United States Geological Survey
 U.S. portion compiled from USGS 1:24 000-scale topographic maps dated 1955, 1970 and 1983. Planimetry revised from aerial photographs taken 1989 and 1990 and other source data. Revised information not field checked.
 Mexico portion derived from DGG 1:50 000-scale topographic maps dated 1960, El Control G14D14, Matamoros G14D15, La Barolina G14D16, Valle Hermoso G14D24, Las Blancas G14D25, and Laguna El Barri G14D26.
 Map revised 1992.
 Projection and 10 000-meter grid: Universal Transverse Mercator zone 14
 25 000-foot grid ticks based on Texas Coordinate System south zone, 1927 North American Datum (NAD 27).
 The difference between NAD 27 and 1983 North American Datum (NAD 83) for 7.5 minute intersections given in USGS Bulletin 1875. Mexico portion in NAD 27.
 There may be private holdings within the boundaries of the National or State reservation shown on this map.

CONTOUR INTERVAL 5 METERS IN THE UNITED STATES
 SUPPLEMENTARY CONTOUR INTERVAL 2.5 METERS
 NATIONAL GEODETIC VERTICAL OF 1929
 ELEVATIONS SHOWN TO NEAREST METERS
 CONTOUR INTERVAL 10 METERS IN MEXICO
 DATUM IS MEAN SEA LEVEL

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

Meters	Feet	DECLINATION DIAGRAM	ADJOINING MAPS
1	3.2808		1 2 3
2	6.5617		4 5
3	9.8425		6 7 8
4	13.1234		
5	16.4042		
6	19.6850		
7	22.9659		
8	26.2467		
9	29.5275		
10	32.8084		

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

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

1 McAllen
 2 Harlingen

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
 OR RESTON, VIRGINIA 22092 AND BY CENTRO DE INFORMACION Y
 DIFUSION DEL INSTITUTO NACIONAL DE ESTADISTICA GEOGRAFICA
 E INFORMATICA, BALDERAS No. 71, P.B., CP 15620 MEXICO, D.F.



Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, soil
- Route marker: Interstate, U. S. State
- Railroad: standard gauge; narrow gauge
- Bridge: overpass; underpass
- Tunnel: road, railroad
- Bank 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
- Well: water well; spring
- Mine shaft; oil or gas; mine; quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruin: 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
- Sand: mesquite
- Orchard; vineyard

