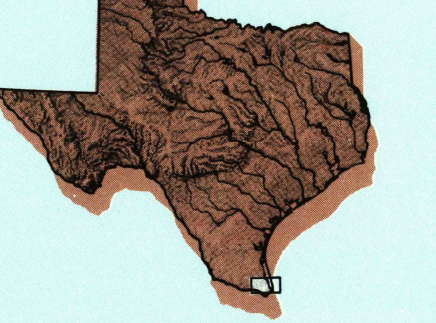


# Harlingen

TEXAS-TAMAULIPAS

1:100 000-scale metric topographic map



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  
 Compiled from USGS 1:250 000-scale topographic maps dated 1970, 1983  
 Planimetry revised from aerial photographs taken 1989 and 1990 and other source data. Revised information not field checked.  
 Mexico portion derived from DGC 1:50 000-scale topographic maps dated 1980. Nuevo Progreso G14884 and Matamoros G14D15. Map dated 1992.  
 1927 North American Datum (NAD 27). Projection and 10 000-meter grid. Universal Transverse Mercator, zone 14. 25 000-foot ticks. Texas coordinate system, south zone. The difference between NAD 27 and North American Datum of 1983 (NAD 83) is 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.  
 Offshore protection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protection Diagram dated June 13, 1970. The protections on this map are not for Federal leasing purposes, for such purposes, refer to the 1:250 000-scale OCS Official Protection Diagram available from the Minerals Management Service.  
 There may be private holdings within the boundaries of the National or State reservations shown on this map.

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

U.S. PORTION COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	Magnetic Declination		1	2	3
1	3.2808	12 MILS		4	5	6
2	6.5617	11 MILS		7	8	9
3	9.8425	10 MILS		10	11	12
4	13.1234	9 MILS		13	14	15
5	16.4042	8 MILS		16	17	18
6	19.6851	7 MILS		19	20	21
7	22.9659	6 MILS		22	23	24
8	26.2468	5 MILS		25	26	27
9	29.5276	4 MILS		28	29	30
10	32.8085	3 MILS		31	32	33

To convert meters to feet multiply by 3.2808  
 To convert feet to meters multiply by 0.3048  
 LTM grid convergence (G18 and 1992 magnetic declination) at center of map Diagram is approximate

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### Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Road marker: intersection; U.S. State
- Railroad: standard gage; narrow gage
- Bridge; overpass; underpass
- Tunnel: road; railroad
- Build-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 rose; spot area; U.S. location monument
- Ruins; cliff dwelling
- Disturbed surface: strip mine, levee, sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream; lake; reservoir; intermittent
- Rapids; large and small; falls, large and small
- Area to be submerged; marsh; swamp
- Land subject to controlled inundation; woodland
- Sand; mangrove
- Dredged; vineyard