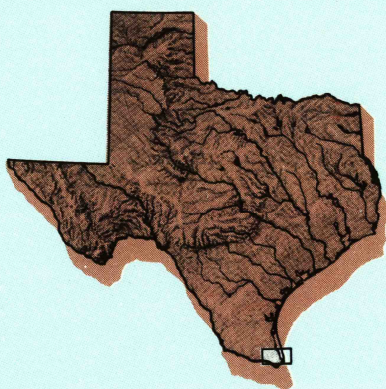
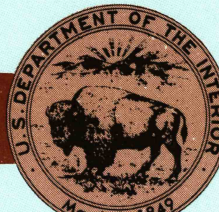


**1:100 000-scale *n*
topographic map**



**30 X 60 MINUTE QUADRANGLE
SHOWING**

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



GEOLOGICAL SURVEY

1992

Produced by the United States Geological Survey
 Compiled from USGS 1:24,000 scale topographic maps dated 1970-1983
 Plantecology derived from aerial photographs taken 1989 and 1990 and
 the 1:24,000 scale, Revised Digital Data Base (RDB) of the United States
 Mexico portion derived from DGG 1:50,000 scale topographic maps dated
 1980. Newo Progress G14884 and Matamoros G14115
 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
 1983 datum difference between 1983 datum and 1927
 1983 (NAD 83) is as small as shown for this scale. The values
 of the shift between the datums for 7.5 minute intersections
 are given in USGS Bulletin 1546
 Mexico portion in NAD 27
 Other projection survey data, shown in red, furnished by the Minerals
 Management Service. The red lines indicate lines of East, Central
 Shaft Offshore Projection Diagram dated June 13, 1970. The projections on
 these maps are not for Federal leasing purposes; for such purposes, refer to the
 1:250,000 scale Offshore Projection Diagram available from the Minerals
 Management Service
 There may be private inholdings within the boundaries of
 the National Petroleum Reserve.

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 COMPLIES WITH NATIONAL
MAP ACCURACY STANDARDS

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet
multiply by 3.2808

To convert feet to meters
multiply by 0.3048

DECLINATION DIAGRAM

U.T.M. grid convergence
(61W and 180° magnetic
declination (MM)
at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	
6	7	8

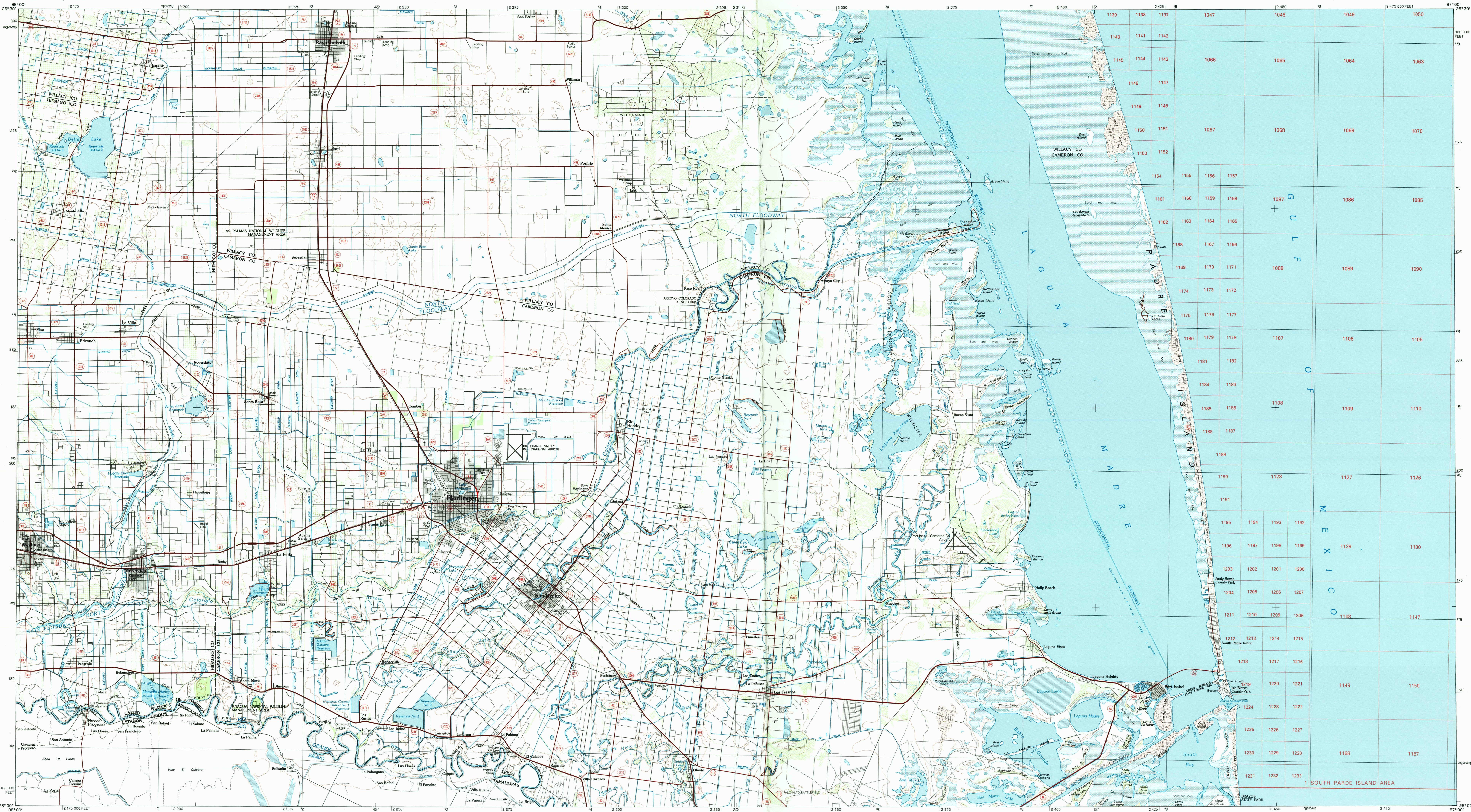
1 Encino
2 Port Mansfield
3 McAllen
4
5
6
7 Brownsville
8

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092 AND BY CENTRO DE INFORMACION Y
VENTA, INSTITUTO NACIONAL DE ESTADISTICA GEOGRAFIA 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	
Over road or street, not improved	
Road marker: Interstate, U. S., State	
Railroad: standard gage, narrow gage	
Bulldozed, overpass, underpass	
Tunnel: road, railroad	
Butt up area, locality, elevation	
Orchard, 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	
Water transmission line: pipeline	
Dam; dam with lock	
Cemetery: building	
Windmill; water well; spring	
Mine shaft; adit or cave; mine, quarry, gravel pit	
Water transmission point area, U. S. location monument	
Ruins, old dwelling	
Distorted surface: strip mine, lake, sand	
Contours: index, intermediate; supplementary	
Relief contours: index, intermediate	
Take: lake perennial; intermittent	
Rapids, large and small; falls, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Sandy, navigable	
Orchard, vineyard	

A pamphlet describing topographic maps is available on request.



HARLINGEN, TEXAS-TAMAULIPAS

26097-A1-TM-100

1992

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

COMPLEMENTARY CONTOUR INTERVAL

CONTOUR INTERVAL 10 METERS IN

● INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA—1992