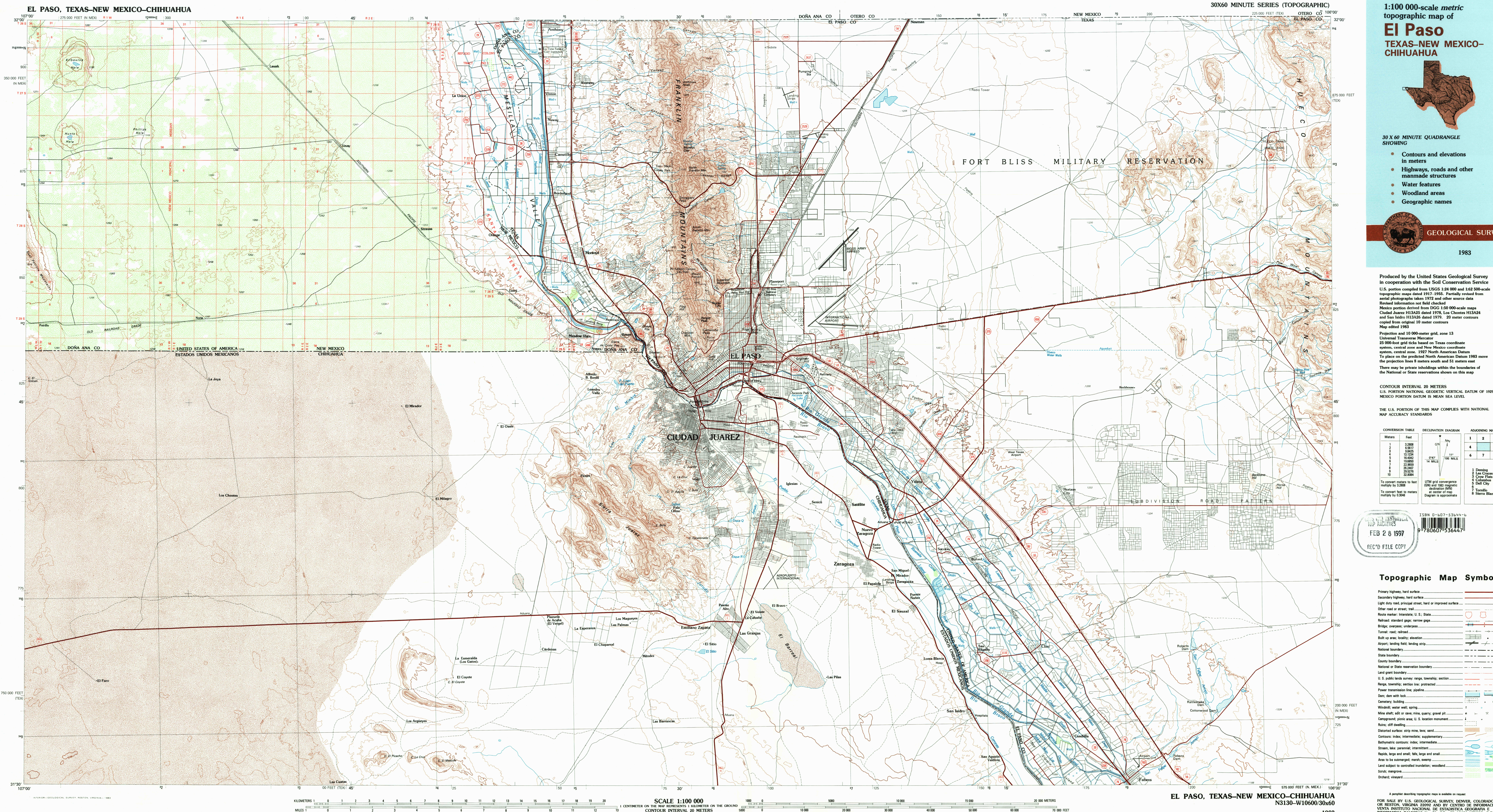




1:100 000-scale metric topographic map of
El Paso
TEXAS-NEW MEXICO-CHIHUAHUA

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

1983

Produced by the United States Geological Survey in cooperation with the Soil Conservation Service U.S. portion compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1917-1955. Partially revised from aerial photographs taken 1972 and other source data. Bested information not field checked.

Mexico portion derived from DGG 1:50 000-scale maps Ciudad Juarez H13A25 dated 1978, Los Chontes H13A24 and San Isidro H13A26 dated 1975. 20 meter contours copied from original 10 meter contours.

Map edited 1983.

Projection and 10 000-meter grid, zone 13 Universal Transverse Mercator.

25 000-foot grid ticks based on Texas coordinate system, central zone and New Mexico coordinate system, central zone. 1927 North American Datum.

To place on the predicted North American Datum 1983 move the projection lines 8 meters south and 51 meters east.

There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL: 20 METERS
U.S. PORTION NATIONAL GEODETIC VERTICAL DATUM OF 1929
MEXICO PORTION 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	2	3	4	5
1	3.2808		1	2	3	4	5
2	6.5617		6	7	8	9	10
3	9.8425		11	12	13	14	15
4	13.1234		16	17	18	19	20
5	16.4042		21	22	23	24	25
6	19.6850		26	27	28	29	30
7	22.9658		31	32	33	34	35
8	26.2467		36	37	38	39	40
9	29.5275		41	42	43	44	45
10	32.8084		46	47	48	49	50
To convert meters to feet: multiply by 3.2808		UTM grid convergence (GN) and 1983 magnetic declination (MD) at center of map. Diagram is approximate.					
To convert feet to meters: multiply by 0.3048							

ISBN 0-607-53644-1

FEB 28 1997

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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.....

Route marker: Interstate; U. S.; State.....

Railroad: standard gauge; narrow gauge.....

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.....

Ramp, 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.....

Geographic point; area; U. S. location monument.....

Ruins; old 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.....

Scrub; mangrove.....

Orchard; vineyard.....