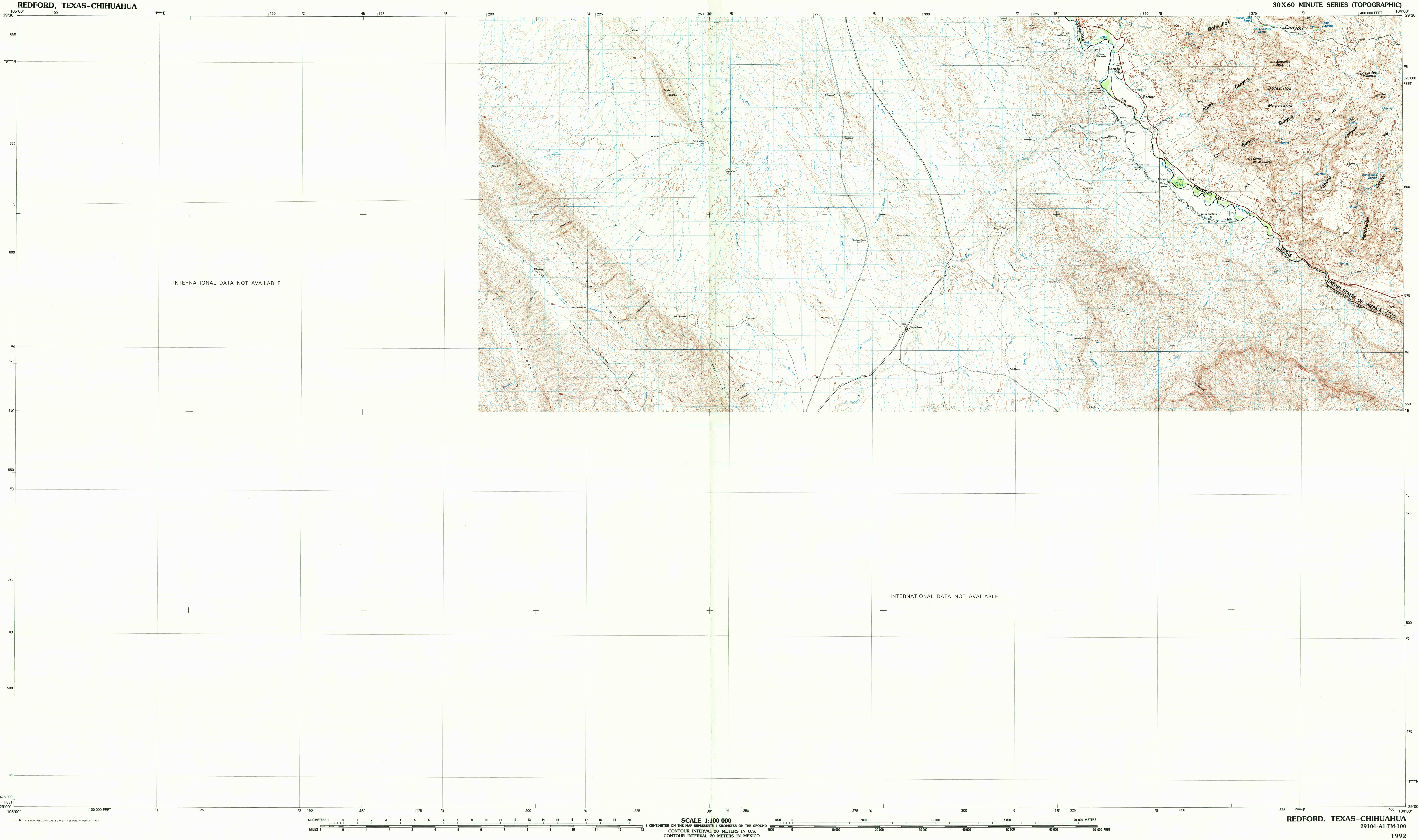




Redford
TEXAS-CHIHUAHUA

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
U.S. portion compiled from USGS 1:24 000-scale topographic maps dated 1971. Planimetry revised from aerial photographs taken 1988 and other source data. Revised information not field checked.
Mexico portion derived from DGG 1:50 000-scale topographic maps dated 1978. Alamo Chapo H13D32 and Barrio Montoya H13D33
Map edited 1992
1927 North American Datum (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 13
25 000-foot ticks: Texas coordinate system, south central zone
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 20 METERS IN THE UNITED STATES
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER
CONTOUR INTERVAL 20 METERS IN MEXICO
DATUM IS MEAN SEA LEVEL

THE U.S. PORTION OF THIS MAP 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

Magnetic North (M) and True North (T) are shown. The diagram indicates the magnetic declination is 16.0 MILS (1.6°) at the center of the map. The diagram is approximate.

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

2 Presidio
3 Santiago Mountains
4 Chisos Mountains
5
6
7
8

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092 AND BY CENTRO DE INFORMACION Y
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INFORMATICAS, BULLETERAS No. 71, P.B., CP 15620 MEXICO, D.F.

USGS 1992 HISTORICAL
MAP ARCHIVES

MAY 25 1993

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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 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: preprojected.....
- Power transmission line; pipeline.....
- Dam; dam with lock.....
- Cemetery; building.....
- Windmill; water well; spring.....
- Mine shaft; adit or cave; mine, quarry; gravel pit.....
- Campground; picnic area; U.S. location monument.....
- Ruins; cliff dwelling.....
- Distorted surface: strip mine, lava; sand.....
- Contours: index, intermediate, supplementary.....
- Relieftopographic 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.....
- Soils: meadow.....
- Orchard; vineyard.....

A pamphlet describing topographic maps is available on request