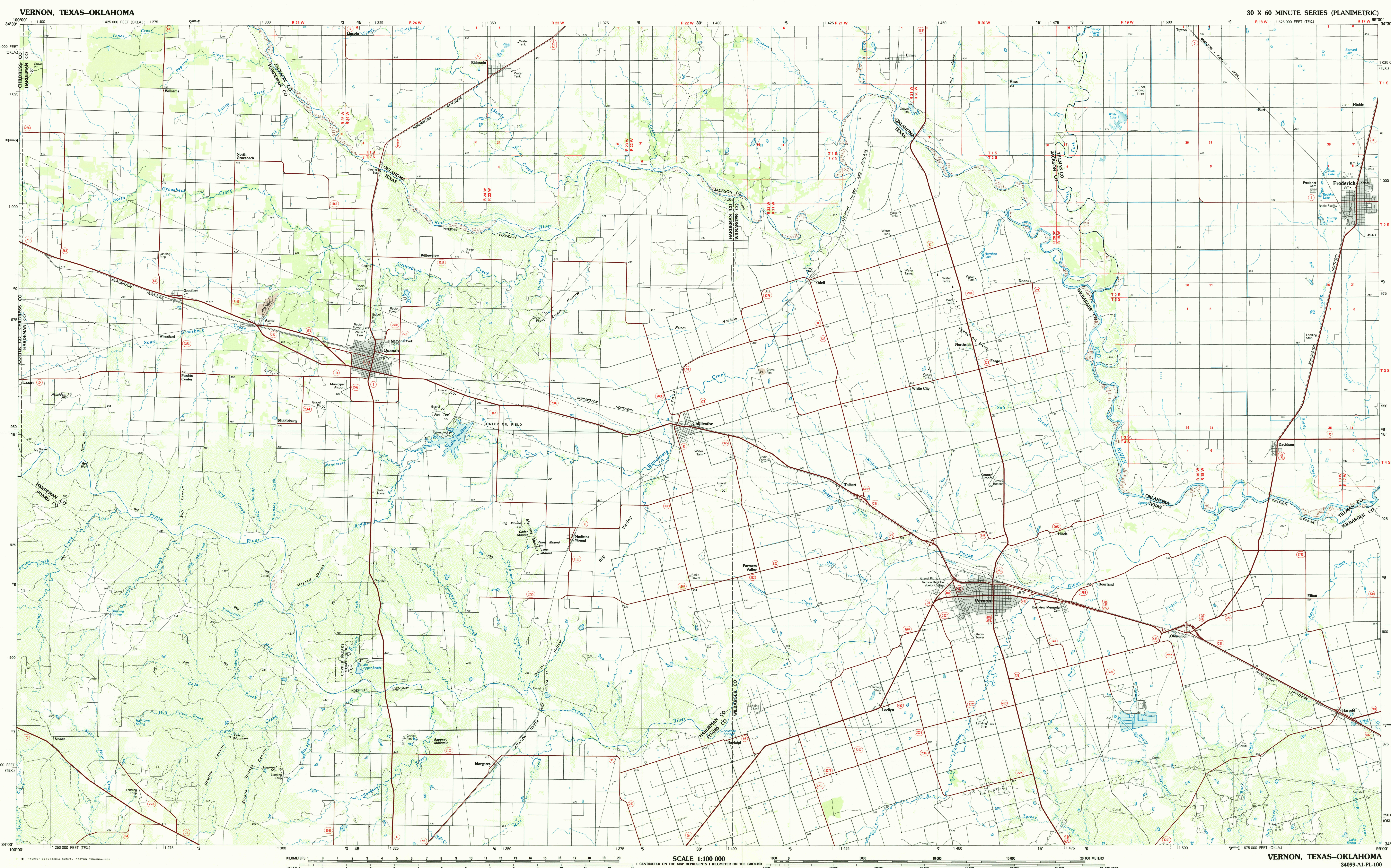




Vernon

TEXAS-OKLAHOMA

1:100 000-scale
planimetric map

30 X 60 MINUTE QUADRANGLE
SHOWING

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

GEOLOGICAL SURVEY

1986

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1983-1985. Planimetry revised from aerial photographs taken 1984 and other source data. Revised information not field checked. Map edited 1986.
Projection and 10 000-meter grid, zone 14 Universal Transverse Mercator
25 000-foot grid ticks based on Texas coordinate system, north central zone and Oklahoma coordinate system south zone. 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 4 meters south and 34 meters east. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS		
Meters	Feet		1	2	3
1	3.2808		1	2	3
2	6.5617		4	5	6
3	9.8425		7	8	9
4	13.1234		10	11	12
5	16.4042		13	14	15
6	19.6850		16	17	18
7	22.9659		19	20	21
8	26.2467		22	23	24
9	29.5275		25	26	27
10	32.8084		28	29	30
To convert meters to feet multiply by 3.2808		UTM grid convergence (G) and 1986 magnetic declination (M) at center of map. Diagram is approximate.	1 Wellington 2 Alton 3 Lawton 4 Childress 5 Burkhart 6 Dickens 7 Lake Kemp 8 Wichita Falls		
To convert feet to meters multiply by 0.3048					

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80215
USGS NHD HISTORICAL MAP 800 RESTON, VIRGINIA 22092

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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: 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
- Range: township, section line, protected
- Power transmission line, pipeline
- Dam; dam with lock
- Cemetery; building
- Wetland: water wet, spring
- Mine shaft: old or new 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
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

VERNON, TEXAS-OKLAHOMA
34099-A1-PL-100
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