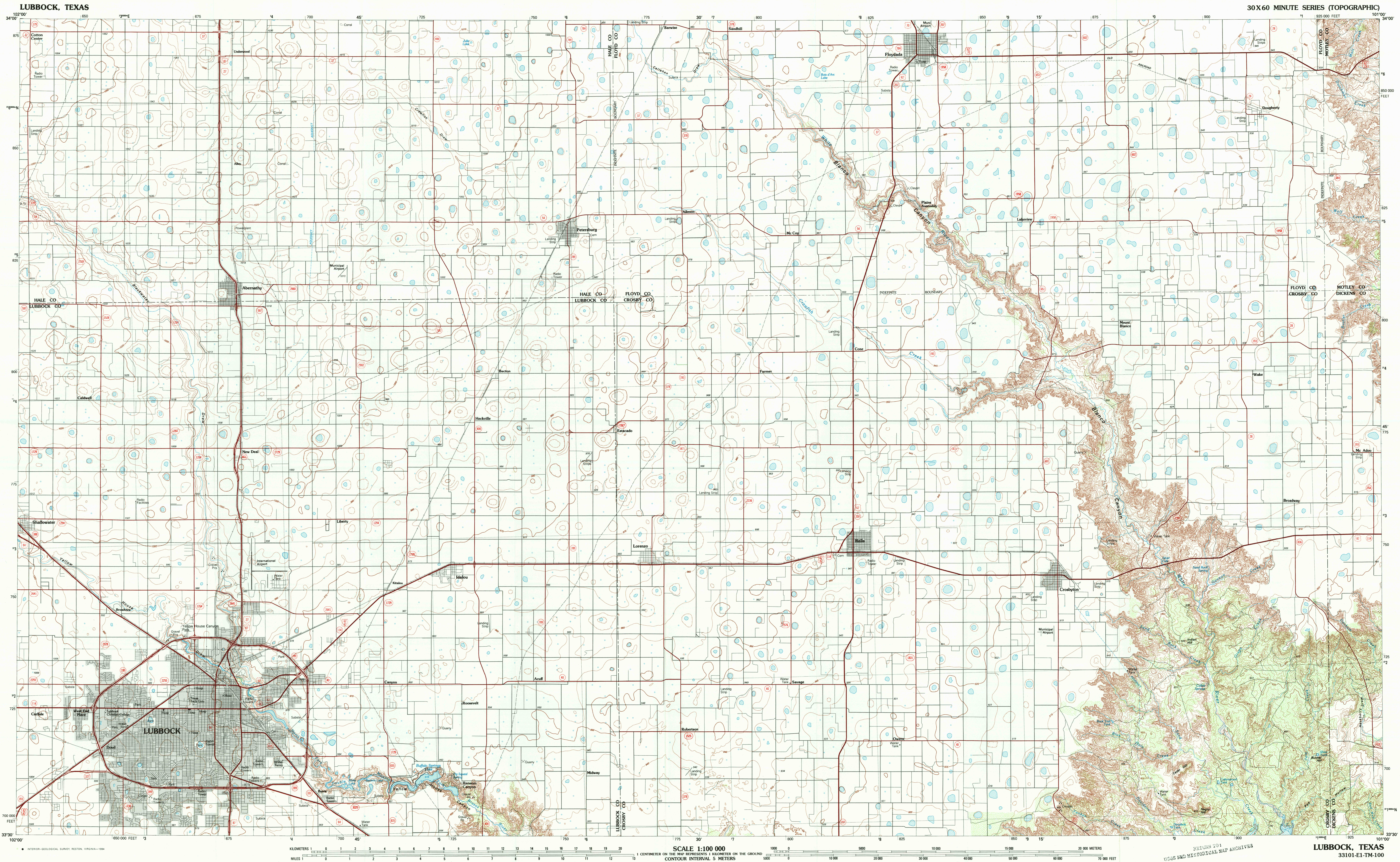
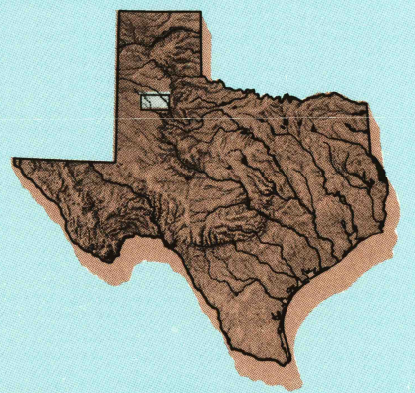




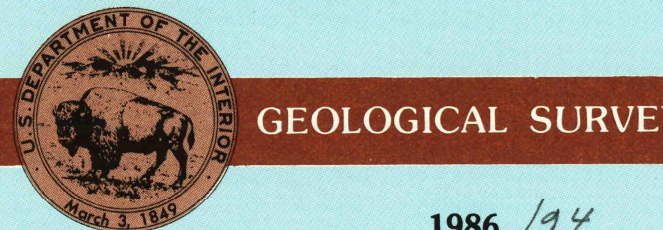
Lubbock TEXAS

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



Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1961-1985. Planimetry revised from aerial photographs taken 1983 and other source data. Revised information not field checked. Map edited 1986
1927 North American Datum (NAD 27). Projection and 10 000-meter-grid. Universal Transverse Mercator, zone 14
25 000-foot ticks: Texas coordinate system, north 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

CONTOUR INTERVAL 5 METERS
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	UTM grid convergence (GTM) and 1983 magnetic declination (MD) at center of map Diagram is approximate	1	2	3	
1	3.2808		4	5	6	7
2	6.5617					
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5275					
10	32.8084					
To convert meters to feet: multiply by 3.2808						
To convert feet to meters: multiply by 0.3048						

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

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: building, elevation
- Airport: landing field; landing strip
- National 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
- Windmill; water well; spring
- Mine shaft: adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Built up area: building, elevation
- 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

LUBBOCK, TEXAS
33101-E1-TM-100
1986

RETURN TO:
USGS MAP HISTORICAL MAP ARCHIVES

SCALE 1:100 000
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 5 METERS