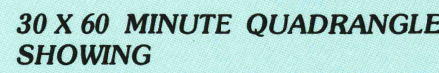


1:100 000-scale *metric*  
topographic map



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



1985

Produced by the United States Geological Survey  
Compiled from USGS 1:24 000-scale topographic maps dated 1969. Planimetry revised from aerial photographs taken 1983 and other source data. Revised information not field checked. Map edited 1985  
North American Datum of 1927 (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 14  
25 000-foot ticks: Texas coordinate system, north central and north zones

The difference between NAD 27 and North American Datum 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

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

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**

| 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**

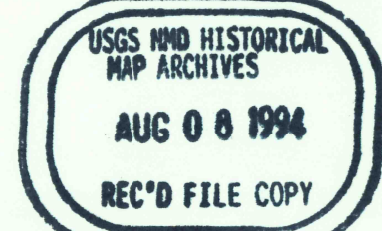
UTM grid convergence (GN) and 1585 magnetic declination (MN) at center of map  
Diagram is approximate

**ADJOINING MAPS**

|   |   |   |
|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |

1 Herford  
2 Tulosa  
3 Wellington  
4 Mulhouse  
5 Childress  
6 Devils  
7 Lubbock  
8 Dackland

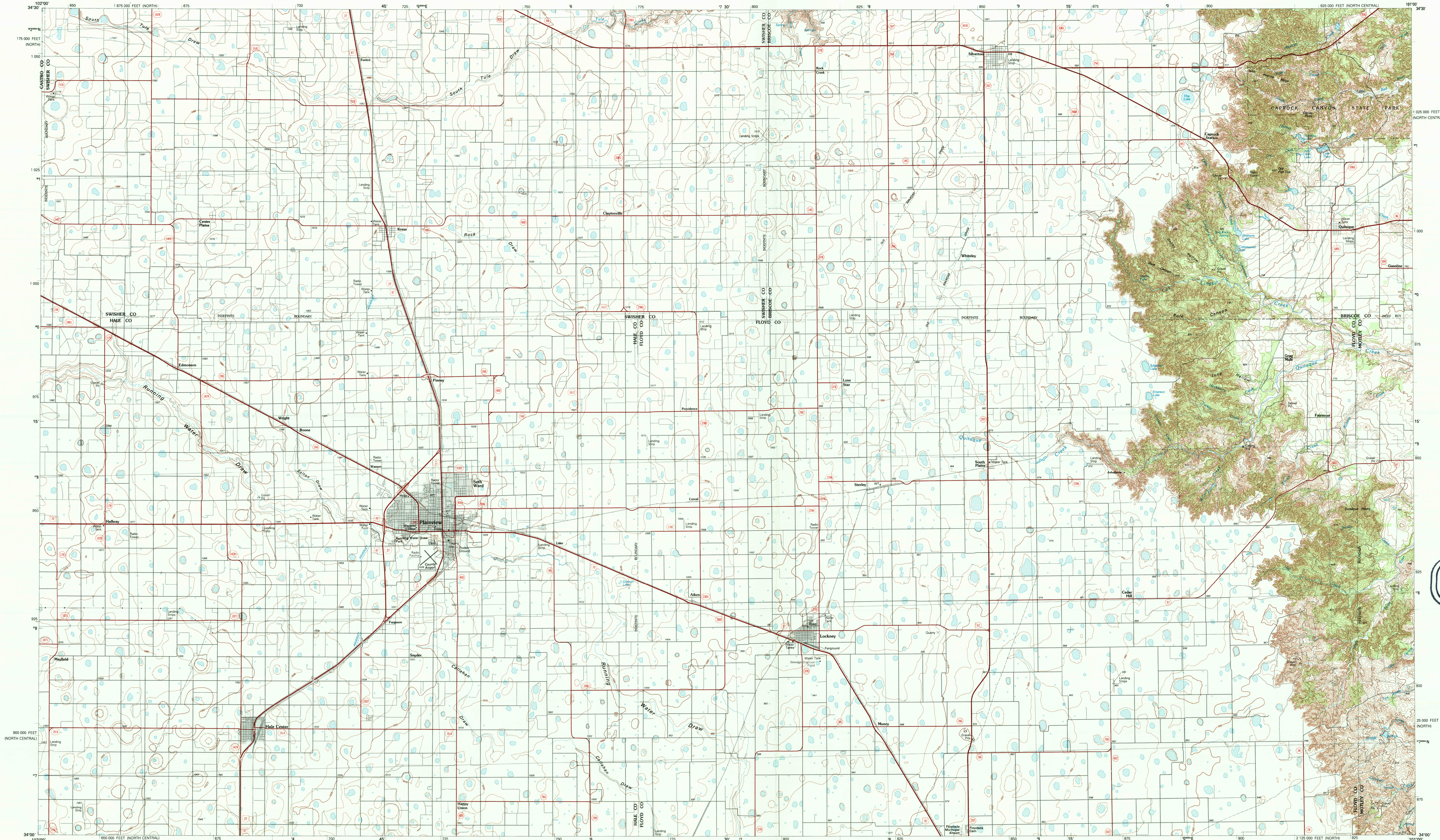
FOR SALE BY U.S. GEOLOGICAL SURVEY  
COLORADO, 80225, OR RESTON, VIRGINIA 22092



## Topographic Map Symbols

- |                                                                                     |  |
|-------------------------------------------------------------------------------------|--|
| Primary highway, hard surface .....                                                 |  |
| Secondary highway, hard surface .....                                               |  |
| Light duty road, principal street, hard or improved surface .....                   |  |
| Other road or street, bad .....                                                     |  |
| Route marker: Interstate, U. S. State, Railroad: standard gauge; narrow gauge ..... |  |
| Bridge; overpass; underpass .....                                                   |  |
| Tunnel; road, railroad .....                                                        |  |
| Build up area; locally, elevated .....                                              |  |
| Airport; landing field; landing strip .....                                         |  |
| National boundary .....                                                             |  |
| State boundary .....                                                                |  |
| County boundary .....                                                               |  |
| National or State reservation boundary .....                                        |  |
| Land grant boundary .....                                                           |  |
| U. S. public lands section; range, township; section .....                          |  |
| Range, township; section line; protracted .....                                     |  |
| Range reservation line; pipeline .....                                              |  |
| Dam, dam with lock .....                                                            |  |
| Cemetery; building .....                                                            |  |
| Windmill; water well; spring .....                                                  |  |
| Mine shaft; oil; gas; mine, quarry; gravel pit .....                                |  |
| Campground; picnic area; U. S. location monument .....                              |  |
| Rail; oil dwelling .....                                                            |  |
| Disturbed culture; strip mine; lava, sand .....                                     |  |
| Contours; index; intermittent; supplementary .....                                  |  |
| Relief; contour; index; intermittent .....                                          |  |
| 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.



**PLAINVIEW, TEXAS**  
34101-A1-TM-100

1985