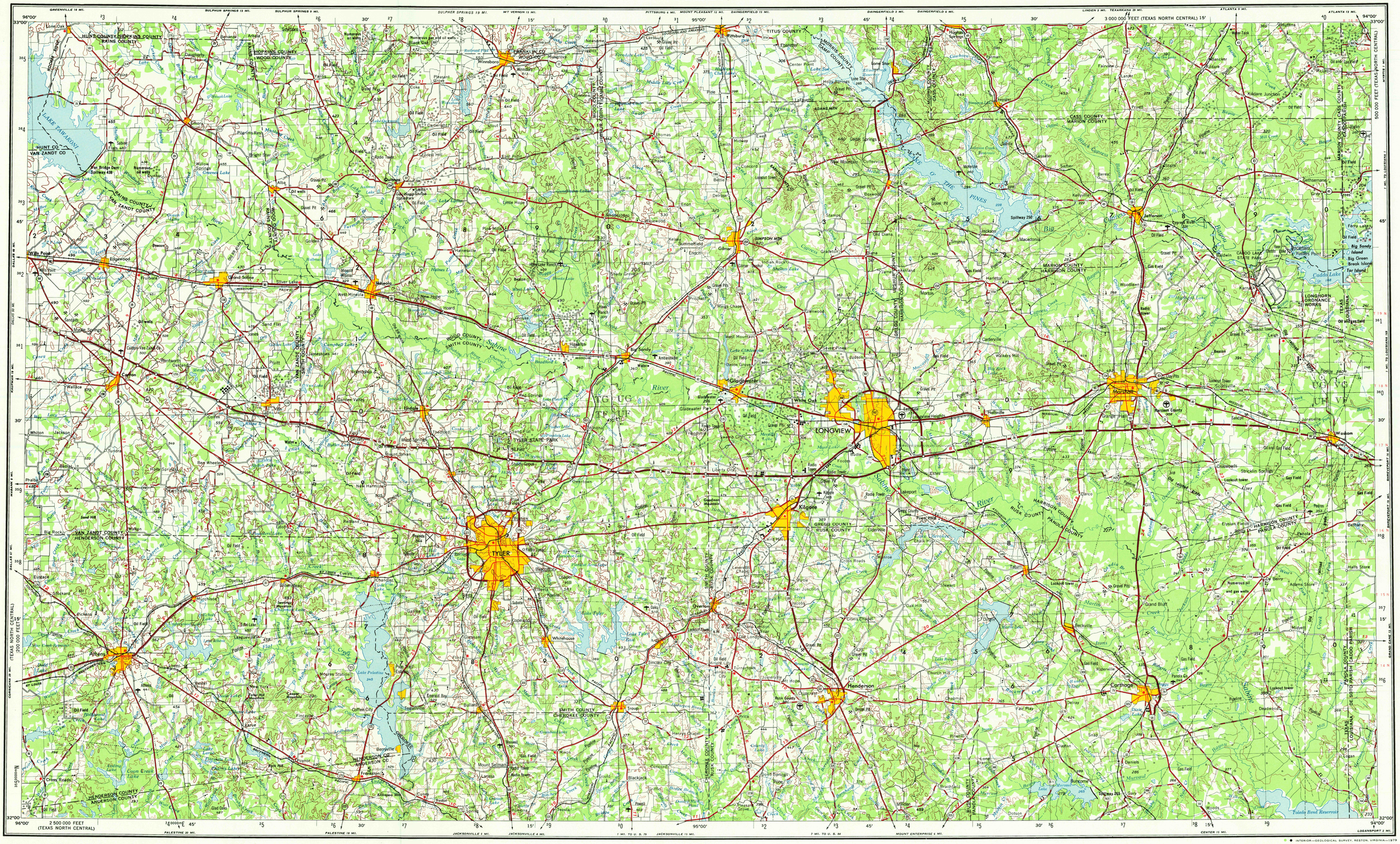


Prepared by the Defense Mapping Agency Topographic Center Washington, D. C. Compiled in 1955 by photogrammetric methods and from United States quadrangles, 1:62,500, 1939-51. Planimetry revised in part from aerial photographs taken 1939-51. Map field checked 1955. Revised by the U. S. Geological Survey from aerial photographs taken 1976. Map edited 1977

Areas covered by dashed light-blue pattern are subject to controlled inundation

100,000-foot grids based on Texas coordinate system north central zone

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

## LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES
- Over 500,000 — LOS ANGELES
- 100,000 to 500,000 — OMAHA
- 25,000 to 100,000 — GALVESTON
- 5,000 to 25,000 — Durango
- 1,000 to 5,000 — Grand Coulee
- Less than 1,000 — Sun Valley

RAILROADS
- Normal gauge
- Narrow gauge
- Single track Double or Multiple

BOUNDARIES
- International
- State
- County
- Park or reservation

ROADS
- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Interchange
- Route markers: Interstate, U.S., State

Landplane airport
Landing area
Seaplane airport
Mine
Woods-brushwood

Landmark: School; Other,
Spot elevation in feet
Marsh or swamp
Intermittent or dry stream
Power line

Scale 1:250,000

5 0 5 10 15 20 Statute Miles

5 0 5 10 15 20 25 30 Kilometers

5 0 5 10 Nautical Miles

CONTOUR INTERVAL 100 FEET
WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 15

1977 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 7° (120 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 6° (110 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

LOCATION DIAGRAM

| | | | | | |
|---|---|---|---|---|---|
| NI 14-5 LAWTON | OKLAHOMA NI 14-6 ARDMORE | MALKESTER NI 15-4 | LITTLE ROCK NI 15-5 | NI 15-6 MERIDIAN |
| WICHITA FALLS NI 14-8 | TEXARKANA NI 14-9 | NI 15-7 | ARKANSAS LOUISIANA | MISS GREENWOOD NI 15-9 |
| NI 14-11 ABILENE | DALLAS NI 14-12 TEXAS | NI 15-10 TYLER | NI 15-11 SHREVEPORT | NI 15-12 JACKSON |
| BROWNWOOD NI 14-2 | WACO NI 14-3 | PALESTINE NI 15-1 | NH 15-2 ALEXANDRIA | NH 15-3 NATCHEZ |
| LLANO NH 14-5 | NH 14-6 AUSTIN | NH 15-4 BEAUMONT | NH 15-5 LAKE CHARLES | NH 15-6 BATON ROUGE |

SECTIONIZED TOWNSHIP

| | | | | | |
|---|---|---|---|---|---|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

GRID ZONE DESIGNATION: 15S
100,000 M. SQUARE IDENTIFICATION

| | | |
|---|---|---|
| TG | UG | VG |
| TF | UF | VF |

IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figures of the grid number; example: 350000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

SAMPLE POINT: CLAYTON

1. Read letters identifying 100,000 meter square in which the point lies: UF
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself: 6
   Estimate tenths from grid line to point: 1
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: 5
   Estimate tenths from grid line to point: 2

SAMPLE REFERENCE: UF6152

If reporting beyond 18° in any direction, prefix Grid Zone Designation, ex: 15SUF6152

APR 14 1978

USGS
Historical File
Topographic Division

TYLER, TEXAS; LOUISIANA
1956
REVISED 1977

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979