



Mapped by the Defense Mapping Agency
Published for civil use by the Geological Survey
Control by USGS, NOS/NOAA, and USCE
Topography by photogrammetric methods from aerial photographs
taken 1954. Photography field annotated 1955
Polyconic projection. 1927 North American Datum
10,000-foot grid based on Texas coordinate system,
central zone
1000-meter Universal Transverse Mercator grid ticks, zone 13,
shown in blue
The difference between 1927 North American Datum and North
American Datum of 1983 (NAD 83) for 7.5 minute intersections is
given in USGS Bulletin 1875. The NAD 83 is shown by dashed
corner ticks
There may be private inholdings within the boundaries of
the National or State reservations shown on this map

UTM GRID AND 1973 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET
Revisions shown in purple compiled by the Geological Survey
from aerial photographs taken 1967 and 1973
This information not field checked
Purple tint indicates extension of urban areas

SCALE 1:24,000
CONTOUR INTERVAL 20 FEET
DASHED LINES REPRESENT 5 AND 10 FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Geology by J. A. Raney and E. W. Collins
1994
Bedrock geology modified from Richardson (1909)
Harbour (1972), McNulty (1967), and Figures (1987)
Faults displacing Quaternary deposits
modified from Seager (1960),
Machette (1987), and Collins and
Raney (1991)

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
U.S. Route ——— State Route ———

NORTH FRANKLIN MOUNTAIN, TEX.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

3106-433

31106-H4-TF-024

1955
PHOTOREVISED 1967 AND 1973
DMA 4747 IV NW-SERIES V882