

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



ALVARADO QUADRANGLE  
TEXAS-JOHNSON CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

Mapped, edited, and published by the Geological Survey

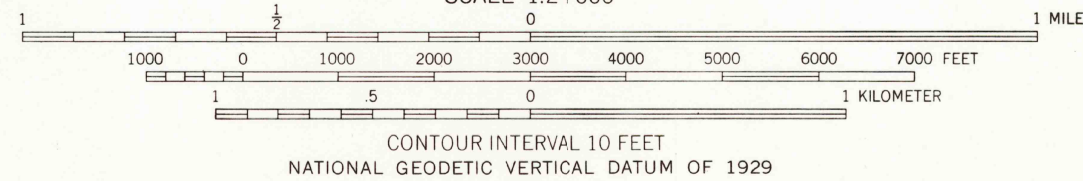
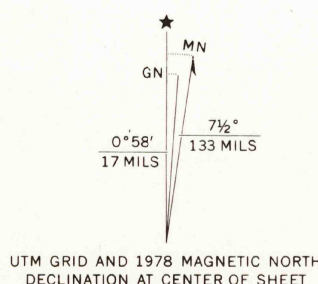
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial  
photographs taken 1958. Field checked 1961

Polyconic projection. 1927 North American datum.  
10,000-foot grid based on Texas coordinate system,  
north central zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 14, shown in blue

Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked

Revisions shown in purple and woodland compiled from  
aerial photographs taken 1976 and other source data.  
This information not field checked. Map edited 1978



CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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

ROAD CLASSIFICATION  
Primary highway, all weather, hard surface  
Secondary highway, all weather, hard surface  
Light-duty road, all weather, improved surface  
Unimproved road, fair or dry weather  
Interstate Route  
U. S. Route  
State Route



QUADRANGLE LOCATION

3297-143

USGS  
Historical File  
Topographic Division

ALVARADO, TEX.  
N3222 5-W9707 5/7 5

1961  
PHOTOREVISED 1978  
AMS 6548 1 NW-SERIES V882

APR 10 1978