



Mapped by the Army Map Service  
Published for civil use by the Geological Survey  
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Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1947. Planimetric detail revised from  
aerial photographs taken 1955-1956. Field check 1957  
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 14, shown in blue  
Revisions shown in purple and woodland compiled by the Geological  
Survey from aerial photographs taken 1976 and other source data  
This information not field checked. Map edited 1979

UTM GRID AND 1979 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000  
1 1000 2000 3000 4000 5000 6000 7000 FEET  
1 5 10 15 20 KILOMETER  
CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS  
Historical File  
Topographic Division



QUADRANGLE LOCATION

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

PURMELA, TEX.  
NW 1/4 PURMELA 15' QUADRANGLE  
N3122.5-W9752.5/7.5  
1957  
PHOTO REVISOR 1979  
AMS 6446 IV NW-SERIES V882

NOV 17 1980