

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ESTES QUADRANGLE  
TEXAS  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
NE 1/4 ARANSAS PASS 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Planimetry by photogrammetric methods from aerial photographs taken 1969

Topography by planetable surveys 1971. Supersedes map dated 1954

Selected hydrographic data compiled from USC&GS Charts 523 (1970) and 892 SC (1970). This information is not intended for navigational purposes

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

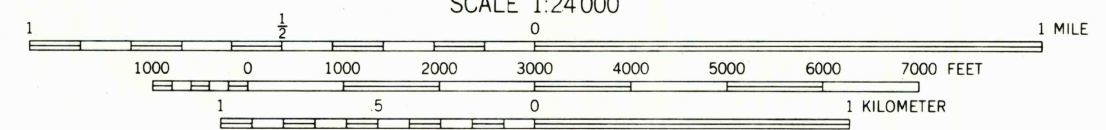
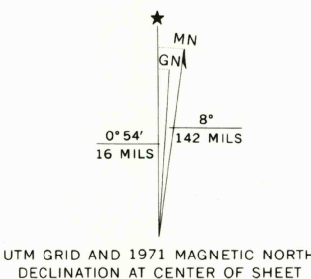
Fine red dashed lines indicate selected fence lines

Water stages in this area vary with meteorological conditions

Approximate limits of occasional inundation shown by dashed blue lines where mean high water is undetermined for lack of visual evidence

Dotted blue lines indicate the approximate limits of low water

To place on the predicted North American Datum 1983  
move the projection lines 27 meters south and  
26 meters east as shown by dashed corner ticks



CONTOUR INTERVAL 5 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER  
SHORELINE SHOWN REPRESENTS APPROXIMATE LINE OF MEAN HIGH WATER  
THE MEAN RANGE OF TIDE IS NEGLIGIBLE

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



2797-444

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

ESTES, TEX.  
NE 1/4 ARANSAS PASS 15' QUADRANGLE  
27097-H1-TF-024

1971  
PHOTOINSPECTED 1975  
DMA 6539 I NE-SERIES V882

Map photoinspected 1975  
No major culture or drainage changes observed

RETURN TO:  
USGS AND HISTORICAL MAP ARCHIVES