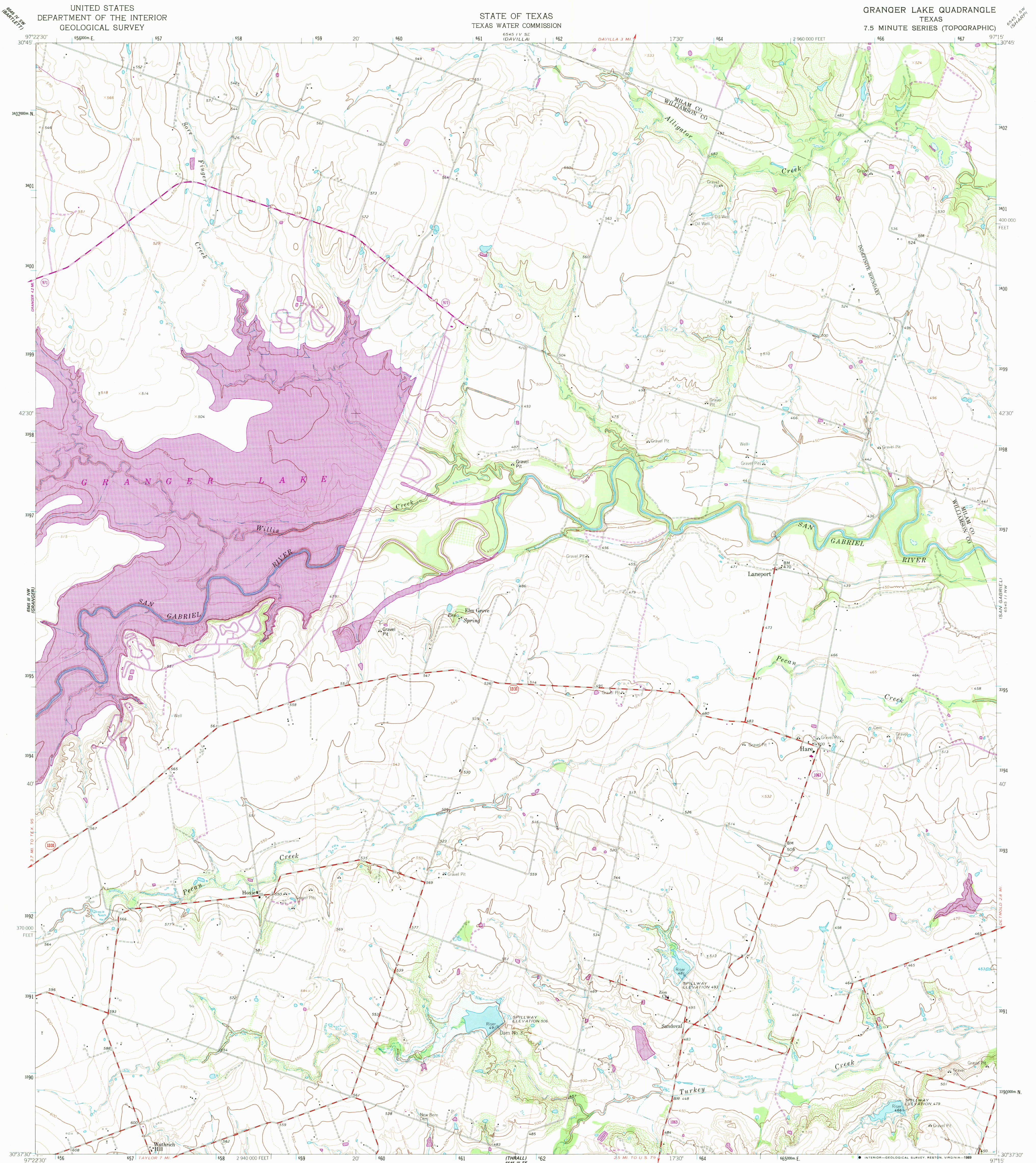




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF TEXAS
TEXAS WATER COMMISSION

GRANGER LAKE QUADRANGLE
TEXAS
7.5 MINUTE SERIES (TOPOGRAPHIC)

Maped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1960. Field checked 1963
Polyconic projection. 1927 North American Datum
10,000-foot grid ticks based on Texas coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks,
zone 14, shown in blue
To place on the predicted North American Datum 1983
move the projection lines 17 meters south and
27 meters east as shown by dashed corner ticks
Fine red dashed lines indicate selected fence lines
Areas covered by dashed light-blue pattern are subject
to controlled inundation

UTM GRID AND 1988 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

Revisions shown in purple and woodland compiled
from aerial photographs taken 1981 and other sources
This information not field checked. Map edited 1988

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

Scale: 1:24,000
1 inch = 2000 feet
1 centimeter = 100 meters

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION
Medium-duty — Light-duty
Unimproved dirt
State Route

TEXAS
QUADRANGLE LOCATION

USGS NMD HISTORICAL MAP
SEP 05 1989
REC'D FILE COPY

GRANGER LAKE, TEX.
(FORMERLY FRIENDSHIP)
30097-F3-TF-024
1963
PHOTOREVISED 1988
DMA 6545 III NE - SERIES V882