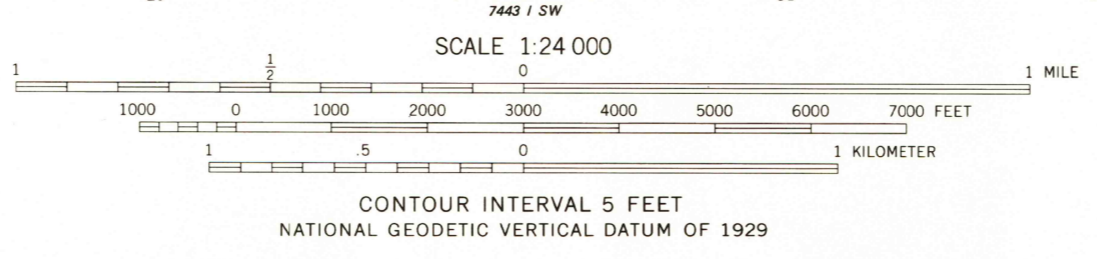
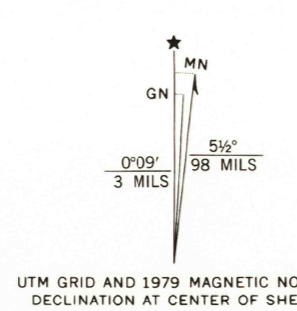




Mapped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA  
Orthophotomap prepared from high-altitude aerial photograph  
taken November 13, 1974. Topography by planetable surveys 1977  
Map edited 1979. Supersedes Grand Lake East NW planimetric map dated 1932  
Projection and 10,000-foot grid ticks: Louisiana coordinate  
system, south zone (Lambert conformal conic)  
1,000-meter Universal Transverse Mercator grid, zone 15  
1927 North American Datum  
To place on the predicted North American Datum 1983  
move the projection lines 19 meters south and  
15 meters east as shown by dashed corner ticks  
All or part of this quadrangle lies within a subsidence area  
Where omitted, land lines have not been established or  
are not shown because of insufficient data



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

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

MALLARD BAY, LA.  
NW 1/4 GRAND LAKE EAST 15' QUADRANGLE  
N2952.5-W9237.5/7.5  
1979  
DMA 7443 1 NW-SERIES V8850

FEB 26 1981  
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