



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Orthophotomaps prepared from high-altitude aerial photographs
taken Nov. 21, 1971. Topography by planetable surveys 1973
Selected hydrographic data compiled from USC&GS Chart 1271 (1972)
This information is not intended for navigational purposes
Projection and 10,000-foot grid ticks: Louisiana coordinate
system, south zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue. 1927 North American datum
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

UTM GRID AND 1973 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET
To place on the predicted North American Datum 1983
move the projection lines 20 meters south and
6 meters east as shown by dashed corner ticks

SCALE 1:24 000
CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1/2 FOOT

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND BY THE STATE OF LOUISIANA, DEPARTMENT OF PUBLIC WORKS, BATON ROUGE, LOUISIANA 70804
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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

USGS NMD HISTORICAL MAP
APR 28 1989
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EMPIRE, LA.
NE/4 EMPIRE 15' QUADRANGLE
29089-D5-OM-024
1973
DMA 8042 I NE—SERIES V8850