UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EMPIRE QUADRANGLE
LOUISIANA—PLAQUEMINES PARISH
7.5 MINUTE SERIES ORTHOPHOTOMAP (TOPOGRAPHIC)
NE/4 EMPIRE 15′ QUADRANGLE



Produced by the United States Geological Survey
Control by USGS and NOS/NOAA
Orthophotomap prepared from high-altitude aerial photographs taken November 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 (NAD 27)
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks
The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are given in USGS Bulletin 1875
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
Photoinspected from 1989 source, no major culture or drainage changes observed. Boundaries, other than corporate, and names revised 1992

UTM GRID AND 1992 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
MN
GN
1°15′ 22 MILS
2° 36 MILS

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

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 ½ 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

LOUISIANA
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Happy Jack
2 Black Bay South
3
4 Port Sulphur
5 Coquille Point
6 Bastian Bay
7 Buras
8 Triumph
ADJOINING 7.5′ QUADRANGLE NAMES

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

EMPIRE, LA.
NE/4 EMPIRE 15′ QUADRANGLE
29089-D5-0M-024

1973
MINOR REVISION 1992
DMA 8042 I NE—SERIES V8850

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