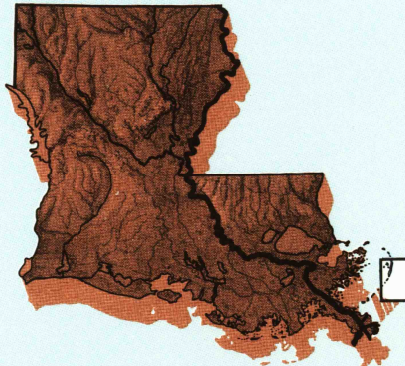


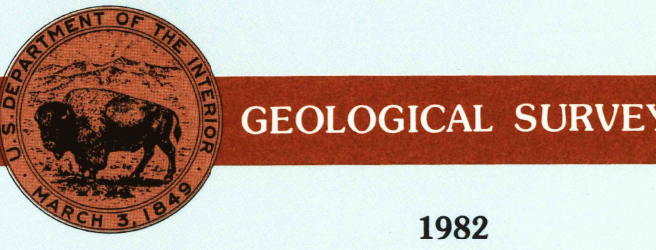
North Islands
LOUISIANA

1:100 000-scale metric
topographic map



30 X 60 MINUTE QUADRANGLE
SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1951. Planimetry revised from aerial photographs taken 1979 and other source data. Revised information not field checked. Map edited 1982

Projection and 10 000-meter grid, zone 16, Universal Transverse Mercator
25 000-foot grid ticks based on Louisiana coordinate system, south zone
1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 19 meters south and 3 meters east

All or part of this quadrangle lies within a subsidence area

There may be private inholdings within the boundaries of the National or State reservations shown on this map

Land lines have not been established in this area

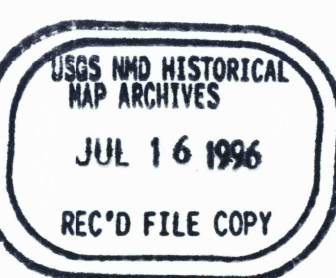
CONTOUR INTERVAL 2 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

| CONVERSION TABLE | | DECLINATION DIAGRAM | ADJOINING MAPS | | |
|--|---------|---|---------------------|---|---|
| Meters | Feet | | 1 | 2 | 3 |
| 1 | 3.2808 | | 4 | 5 | |
| 2 | 6.5617 | | 6 | 7 | 8 |
| 3 | 9.8425 | | | | |
| 4 | 13.1234 | | | | |
| 5 | 16.4042 | | | | |
| 6 | 19.6850 | | | | |
| 7 | 22.9659 | | | | |
| 8 | 26.2467 | | | | |
| 9 | 29.5275 | | | | |
| 10 | 32.8084 | | | | |
| To convert meters to feet multiply by 3.2808 | | UTM grid convergence (G) and 1982 magnetic declination (M) at center of map | 1 Gulfport | | |
| To convert feet to meters multiply by 0.3048 | | Diagram is approximate | 2 Billet | | |
| | | | 3 Black Bay | | |
| | | | 4 Mississippi River | | |
| | | | 5 Delta | | |
| | | | 6 | | |
| | | | 7 | | |
| | | | 8 | | |

ISBN 0-607-22859-6



Topographic Map Symbols

| | |
|--|--|
| Primary highway, hard surface..... | |
| Secondary highway, hard surface..... | |
| Light duty road, principal street, hard or improved surface..... | |
| Other road or street, trail..... | |
| Route marker: Interstate, U.S., State..... | |
| Railroad: standard gauge, narrow gauge..... | |
| Bridge: overpass, underpass..... | |
| Tunnel: road, railroad..... | |
| Built up area, locality, elevation..... | |
| Airport: landing field, landing strip..... | |
| National boundary..... | |
| State boundary..... | |
| County boundary..... | |
| National or State reservation boundary..... | |
| Land grant boundary..... | |
| U.S. public lands survey: range, township, section..... | |
| Range, township, section line: projected..... | |
| Power transmission line, pipeline..... | |
| Dam, dam with lock..... | |
| Cemetery, building..... | |
| Windmill, water well, spring..... | |
| Mine shaft, adit or cave, mine, quarry, gravel pit..... | |
| Campground, picnic area, U.S. location monument..... | |
| Ruin, cliff dwelling..... | |
| Distorted surface: strip mine, lava, sand..... | |
| Contours: index, intermediate, supplementary..... | |
| Bathymetric contours: index, intermediate..... | |
| Stream, lake, perennial; intermittent..... | |
| Rapids, large and small, falls, large and small..... | |
| Area to be submerged, marsh, swamp..... | |
| Land subject to controlled inundation, woodland..... | |
| Scrub, mangrove..... | |
| Orchard, vineyard..... | |

A pamphlet describing topographic maps is available on request

