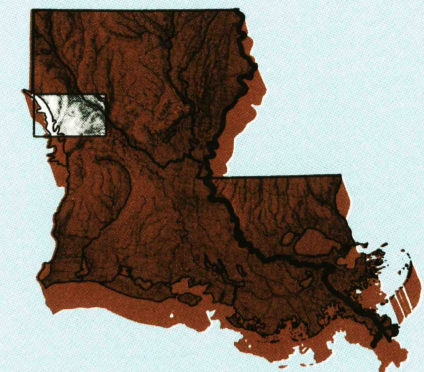


Natchitoches

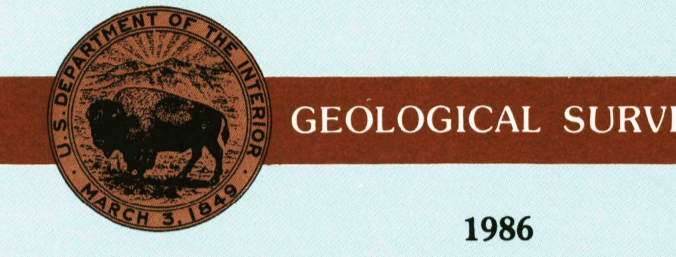
LOUISIANA—TEXAS

1:100 000-scale
planimetric map



30 X 60 MINUTE QUADRANGLE
SHOWING

- 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 and 1:62 500-scale
 topographic maps dated 1957-1984. Planimetry revised
 from aerial photographs taken 1981 and 1983 and other source data.
 Revised information not field checked.
 Map edited 1986.

Projection and 10 000-meter grid, zone 15
 Universal Transverse Mercator
 25 000-foot grid ticks based on Louisiana coordinate
 system, north zone and Texas coordinate system,
 central zone. 1927 North American Datum
 To place on the predicted North American Datum 1983 move
 the projection lines 15 meters south and 17 meters east.
 There may be private inholdings within the boundaries of
 the National or State reservations shown on this map.

NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4043
6	19.6852
7	22.9660
8	26.2469
9	29.5278
10	32.8087

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

Declination	Diagram
0° 15' N	Diagram
0° 15' S	Diagram
0° 15' E	Diagram
0° 15' W	Diagram

UTM grid coverage (E-W and N-S) magnetic declination (M) at center of map. Diagram is approximate.

Adjoining Maps
1 Henderson
2 Shreveport South
3 Monroe South
4 Nacogdoches
5 Winnfield
6 Larkin
7 Lawley
8 Alexandria

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 8022
OR RESTON, VIRGINIA 22092

USGS NHD HISTORICAL MAP
JUN 02 1986
REC'D FILE COPY

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, not paved
- Route marker: Interstate, U. S. State
- Railroad: standard gage; narrow gage
- Bridge: overpass; underpass
- Tunnel: road; railroad
- Bank 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, protruded
- 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
- Race, cliff, walling
- 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