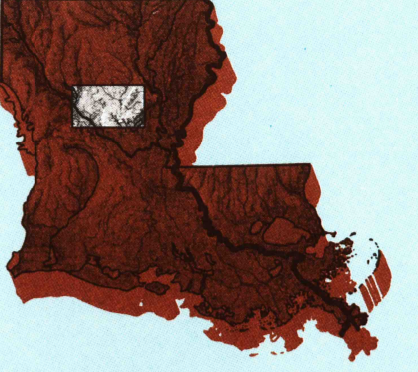


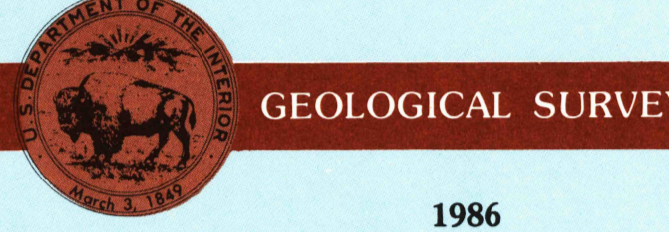
Winnfield LOUISIANA

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 1983-1985. Partially revised from aerial photographs taken 1982 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, 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 14 meters south and 14 meters east
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS
 SUPPLEMENTARY CONTOUR INTERVAL 5 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	UTM	Magnetic	1	2	3
1	3.2808	+	1	4	5	6
2	6.5617	0	2	5	6	7
3	9.8425	-	3	6	7	8
4	13.1234		4			
5	16.4042		5			
6	19.6850		6			
7	22.9659		7			
8	26.2467		8			
9	29.5276		9			
10	32.8084		10			

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

UTM grid convergence (GN) and 100-metric declination (MD) Diagram is approximate

1 Shreveport South
 2 Monroe South
 3 Natchitoches
 4 Lakeview
 5 Winnfield
 6 Leesville
 7 Alexandria
 8 Woodville

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

USGS NMD HISTORICAL MAP
MAY 16 1989
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, trail	—————
Route marker, interstate, U. S. State	—————
Railroad, standard gage, narrow gage	—————
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, protracted	—————
Power transmission line, pipeline	—————
Dam, dam with lock	—————
Cemetery, building	—————
Wellhead, water well, spring	—————
Mine shaft, out or cave, mine, quarry, gravel pit	—————
Campground, picnic area, U. S. location monument	—————
Ruin, cliff dwelling	—————
Disturbed surface, stony mine, lava, sand	—————
Contours: index, intermediate, supplementary	—————
Bathymetric contours: index, intermediate	—————
Stream, lake: perennial, intermittent	—————
Reefs, large and small; lake, large and small	—————
Area to be submerged, marsh, swamp	—————
Land subject to controlled inundation; woodland	—————
Swamp, mangrove	—————
Orchard; vineyard	—————

