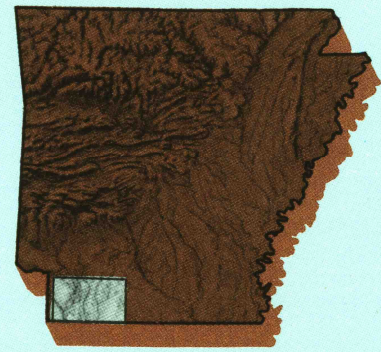


Magnolia

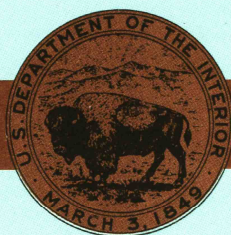
ARKANSAS-LOUISIANA

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



GEOLOGICAL SURVEY

1986

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1925-1978. Planimetry revised from aerial photographs taken 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 Arkansas coordinate system, south zone and Louisiana coordinate system, north zone 1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 10 meters south and 17 meters east
There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 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	Magnetic Declination		1	2	3	
1	3.2808		Magnetic				
2	6.5617		Declination				
3	9.8425		Diagram				
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 (GN) and 180 magnetic declination (MD) at center of map Diagram is approximate		1 Idaho			
To convert feet to meters multiply by 0.3048				2 Hope			
				3 Camden			
				4 Texarkana			
				5 El Dorado			
				6 Marshall			
				7 Shreveport North			
				8 Monroe North			

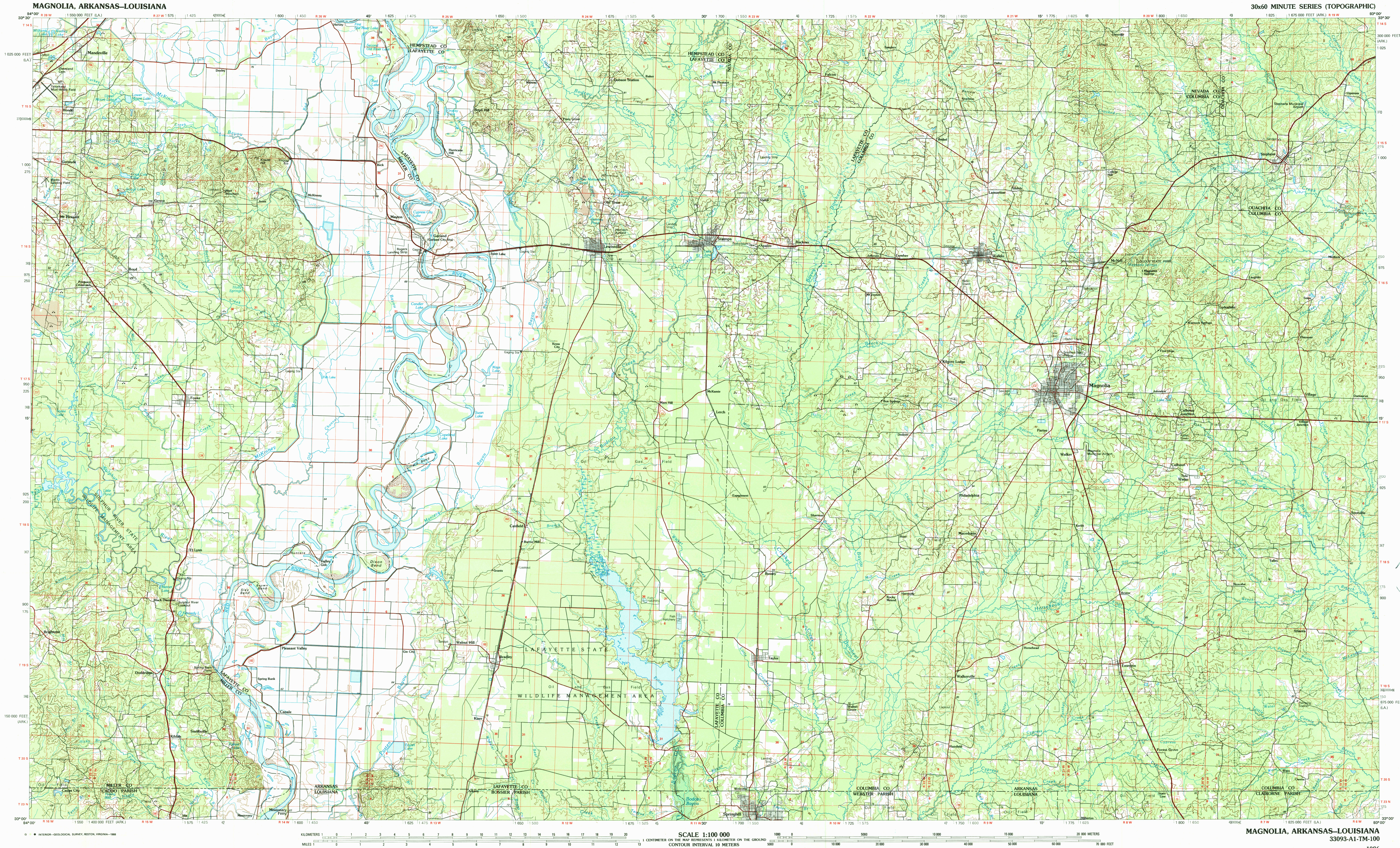
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

USGS NHD HISTORICAL MAP
FEB 23 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 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: protected.....	
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.....	
Disturbed 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: strip mine, lava, sand.....	
Land subject to controlled inundation, woodland.....	
Scrub, mangrove.....	
Orchard, vineyard.....	

A pamphlet describing topographic maps is available on request



MAGNOLIA, ARKANSAS-LOUISIANA
33093-A1-TM-100

1986