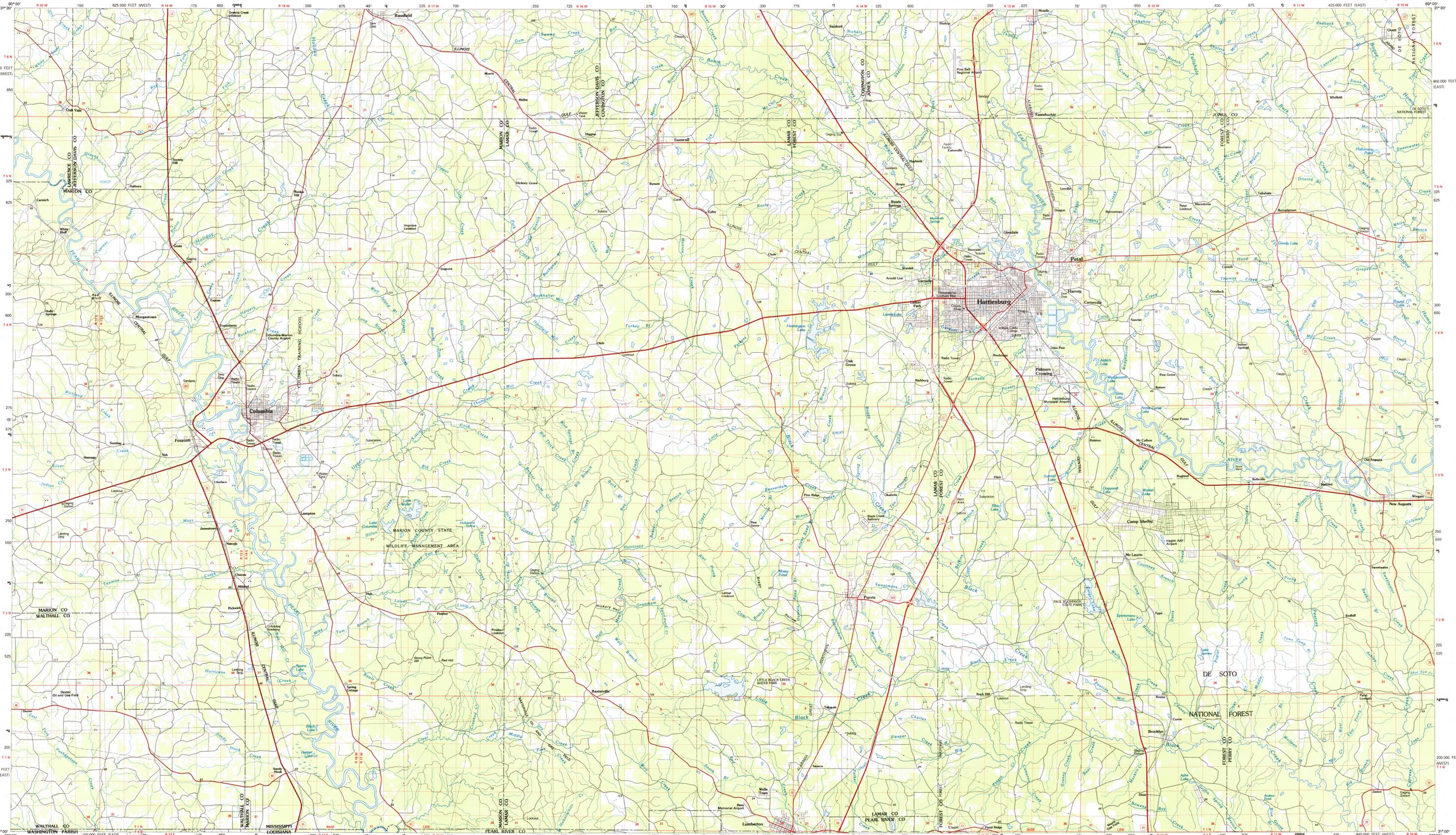


HATTIESBURG, MISSISSIPPI-LOUISIANA

30 X 60 MINUTE SERIES (PLANIMETRIC)



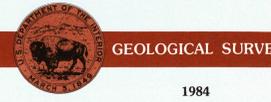
Hattiesburg MISSISSIPPI-LOUISIANA

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



1984

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1963-1983. Planimetry revised from aerial photographs taken 1968-81 and other source data. Revised information not field checked. Map edited 1984.
 Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator
 25 000-foot grid ticks based on Mississippi coordinate system, east and west zones
 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 16 meters south and 6 meters east
 There may be private inholdings within the boundaries of the National or State reservations on this map

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

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	Magnetic Declination		1	2	3
1	3.2808	N		4	5	6
2	6.5616	E		7	8	
3	9.8424	S				
4	13.1232	W				
5	16.4040	Magnetic Declination				
6	19.6848	23 MILS				
7	22.9656	53 MILS				
8	26.2464	UTM grid convergence				
9	29.5272	60% of total magnetic declination (MD)				
10	32.8080	at center of map				
		Diagram is approximate				

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

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
- Road, unpaved, intermittent
- Railroad, standard gage, narrow gage
- Bridge, overpass, underpass
- Tunnel, road, railroad
- Ball up area, locality, elevation
- Archer, landing field, landing strip
- National boundary
- State boundary
- County boundary
- Nation 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
- Windmill, water well, spring
- Mine shaft, adit or cave, mine, quarry, gravel pit
- Campground, picnic area, U.S. location monument
- Ruin, old dwelling
- Disturbed surface, strip mine, lava, sand
- Contours, index, intermediate, supplementary
- Bathymetric contours, index, intermediate
- Stream, lake, perennial, intermittent
- Rapids, weir 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



HATTIESBURG, MISSISSIPPI-LOUISIANA 31089-A1-PL-100

1984

RETURN TO: USGS AND HISTORICAL MAP ARCHIVES