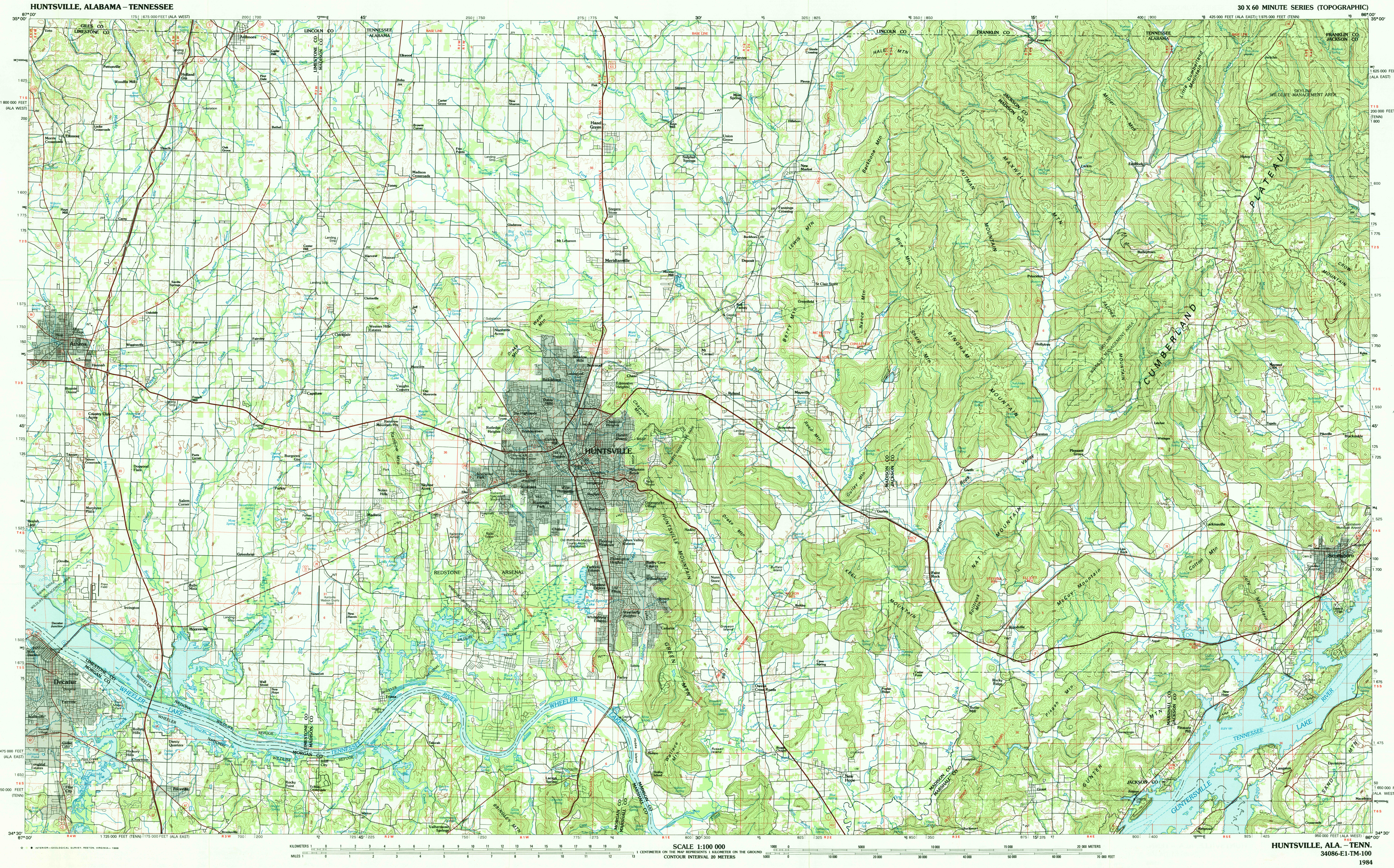




Huntsville

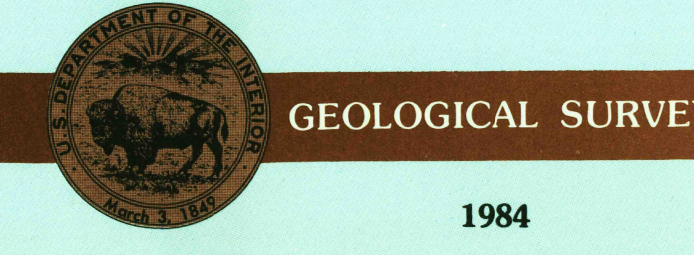
ALABAMA - TENNESSEE

1:100 000-scale metric
topographic map



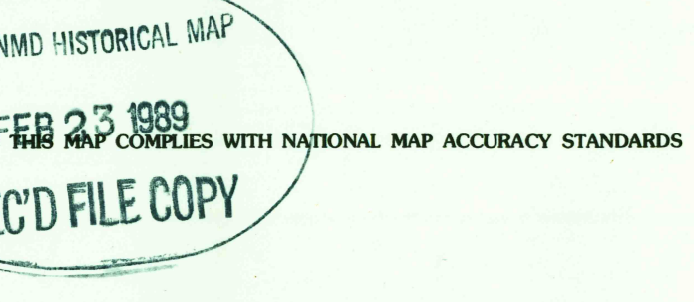
30 X 60 MINUTE QUADRANGLE
SHOWING

- 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 1964-1982. Planimetry revised from aerial photographs taken 1981 and other source data. Revised information not field checked. Map edited 1984.
Projection and 10 000-meter grid zone 16: Universal Transverse Mercator
25 000-foot grid ticks based on Alabama coordinate system, east and west zones, and Tennessee coordinate system
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 8 meters south and 1 meter west
There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
SEA LEVEL DATUM TO THE NEAREST METER



CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet	Meters		1	2	3	
1	3.2808	Meters		4	5		
2	6.5616	Meters		6	7	8	
3	9.8424	Meters					
4	13.1232	Meters					
5	16.4040	Meters					
6	19.6848	Meters					
7	22.9656	Meters					
8	26.2464	Meters					
9	29.5272	Meters					
10	32.8080	Meters					
To convert meters to feet multiply by 3.2808		UTM grid convergence (G) and 1984 magnetic declination (M) at center of map		1 Lawrenceburg			
To convert feet to meters multiply by 0.3048		Diagram is approximate		2 Tusculum			
				3 Chattanooga			
				4 Tusculum			
				5 Chickamauga			
				6 Macon			
				7 Huntsville			
				8 Knoxville			

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TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY
NASHVILLE, TENNESSEE 37219, AND
U.S. TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TENNESSEE 37401
OR KNOXVILLE, TENNESSEE 37902

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: covered, 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, salt 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
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A pamphlet describing topographic maps is available on request