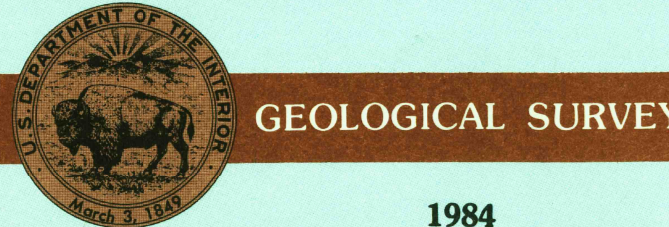


- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1967-1983. 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, west zone 1927 North American Datum.
To place on the predicted North American Datum 1983 move the projection lines 9 meters south and 1 meter east.
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
ELEVATIONS SHOWN TO THE NEAREST METER

USGS NHD HISTORICAL MAP
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
MAR 29 1989
REC'D FILE COPY

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet	Magnetic Declination		1	2	3	
1	3.2808			4			
2	6.5615			5			
3	9.8423			6	7	8	
4	13.1230						
5	16.4038						
6	19.6845						
7	22.9653						
8	26.2460						
9	29.5268						
10	32.8075						
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1984 magnetic declination (MN) at center of map. Diagram is approximate.		1 Topole 2 Haskoville 3 Guntersville 4 West Point 5 Birmingham North 6 Nashville 7 Tuscaloosa 8 Birmingham South			
To convert feet to meters multiply by 0.3048							

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DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
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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 gage; narrow gage.....	
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.....	
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; 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.....	

A pamphlet describing topographic maps is available on request

