

# Huntsville

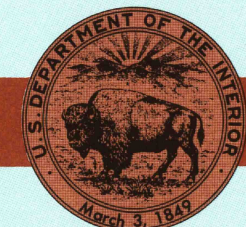
ALABAMA – TENNESSEE

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



GEOLOGICAL SURVEY

1984

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  
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

| CONVERSION TABLE                             |         | DECLINATION DIAGRAM                                                                                  |  | ADJOINING MAPS                                                                                                             |   |   |
|----------------------------------------------|---------|------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------|---|---|
| Meters                                       | Feet    |                 |  | 1                                                                                                                          | 2 | 3 |
| 1                                            | 3.2808  |                                                                                                      |  | 1                                                                                                                          | 2 | 3 |
| 2                                            | 6.5617  |                                                                                                      |  | 4                                                                                                                          | 5 | 6 |
| 3                                            | 9.8425  |                                                                                                      |  | 7                                                                                                                          | 8 |   |
| 4                                            | 13.1234 |                                                                                                      |  |                                                                                                                            |   |   |
| 5                                            | 16.4042 |                                                                                                      |  |                                                                                                                            |   |   |
| 6                                            | 19.6850 |                                                                                                      |  |                                                                                                                            |   |   |
| 7                                            | 22.9658 |                                                                                                      |  |                                                                                                                            |   |   |
| 8                                            | 26.2467 |                                                                                                      |  |                                                                                                                            |   |   |
| 9                                            | 29.5275 |                                                                                                      |  |                                                                                                                            |   |   |
| 10                                           | 32.8084 |                                                                                                      |  |                                                                                                                            |   |   |
| To convert meters to feet multiply by 3.2808 |         | UTM grid coverage (GTM and 1984 magnetic declination (M)) at center of map<br>Diagram is approximate |  | 1 Lawrenceburg<br>2 Tullahoma<br>3 Chattanooga<br>4 Tusculuma<br>5 Chickamauga<br>6 Halesville<br>7 Guntersville<br>8 Rome |   |   |
| To convert feet to meters multiply by 0.3048 |         |                                                                                                      |  |                                                                                                                            |   |   |

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USGS NMD

HISTORICAL MAP ARCHIVES

## Topographic Map Symbols

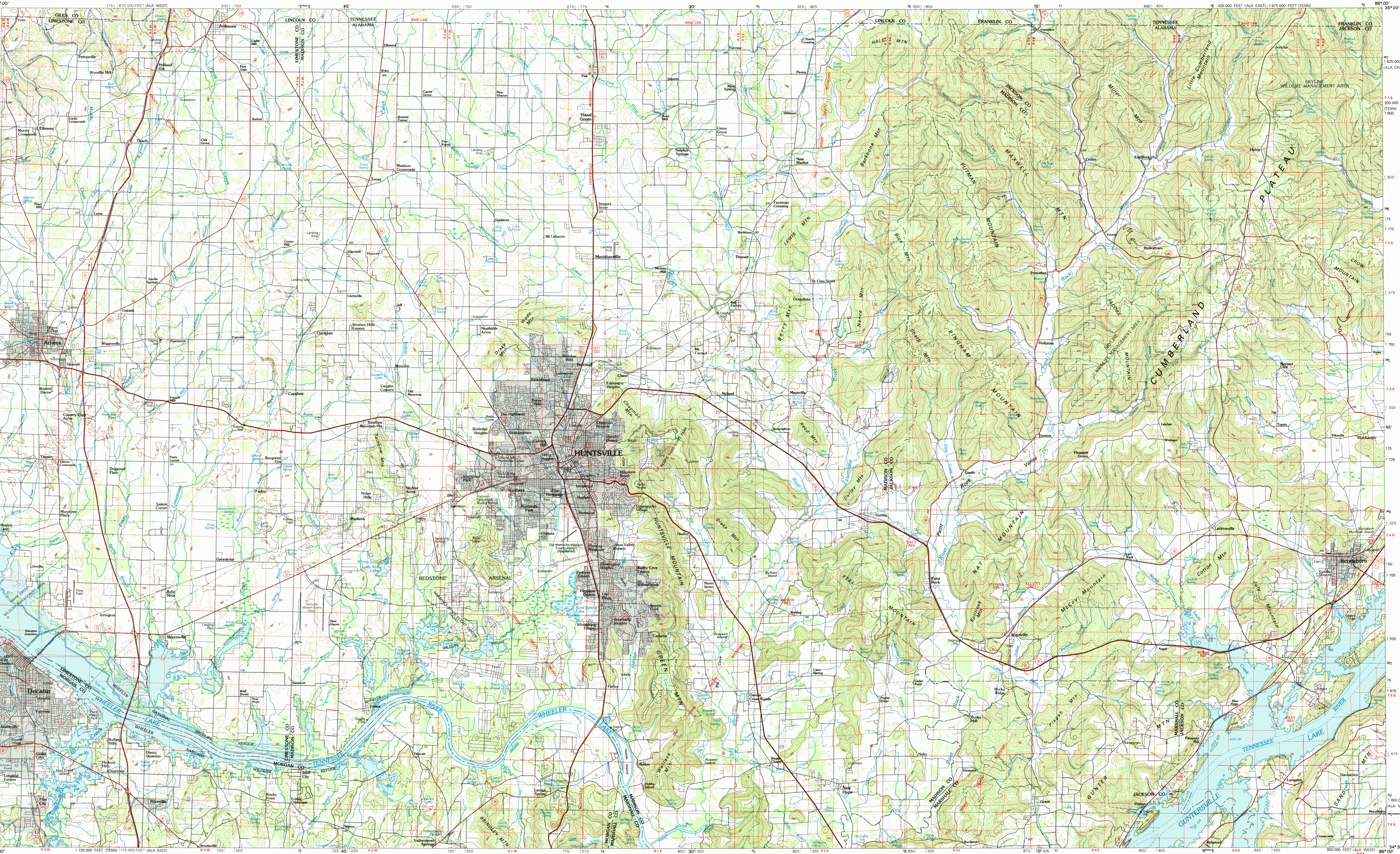
|                               |                                 |                                                             |                          |                                        |                                      |                             |                        |                                    |                                       |                   |                 |                                        |                                                     |                                           |                                   |                    |                    |                              |                                                    |                                                  |                       |                                           |                                              |                                           |                                       |                                                 |                                     |                                                 |                 |                   |
|-------------------------------|---------------------------------|-------------------------------------------------------------|--------------------------|----------------------------------------|--------------------------------------|-----------------------------|------------------------|------------------------------------|---------------------------------------|-------------------|-----------------|----------------------------------------|-----------------------------------------------------|-------------------------------------------|-----------------------------------|--------------------|--------------------|------------------------------|----------------------------------------------------|--------------------------------------------------|-----------------------|-------------------------------------------|----------------------------------------------|-------------------------------------------|---------------------------------------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|-----------------|-------------------|
| Primary highway, hard surface | Secondary highway, hard surface | Light duty road, principal street, hard or improved surface | Over and on street, wall | 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 | 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 | Woodmill: water well, spring | Mine shaft; adit or cave; mine, quarry; gravel pit | Campground; picnic area; U. S. location monument | Ruins; 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, swampy | Land subject to controlled inundation; woodland | Scrub; mangrove | Orchard; vineyard |
|-------------------------------|---------------------------------|-------------------------------------------------------------|--------------------------|----------------------------------------|--------------------------------------|-----------------------------|------------------------|------------------------------------|---------------------------------------|-------------------|-----------------|----------------------------------------|-----------------------------------------------------|-------------------------------------------|-----------------------------------|--------------------|--------------------|------------------------------|----------------------------------------------------|--------------------------------------------------|-----------------------|-------------------------------------------|----------------------------------------------|-------------------------------------------|---------------------------------------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|-----------------|-------------------|

A pamphlet describing topographic maps is available on request

FOR SALE BY U. S. GEOLOGICAL SURVEY, P. O. BOX 25286,  
TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY,  
NASHVILLE, TENNESSEE 37243, AND  
U. S. TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TENNESSEE 37402

HUNTSVILLE, ALA. – TENN.  
34086-E1-TM-100

1984



SCALE 1:100 000  
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND  
CONTOUR INTERVAL 20 METERS