



Chattanooga

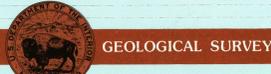
TENNESSEE

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



1988
TENNESSEE VALLEY AUTHORITY

Produced by Tennessee Valley Authority in cooperation with the United States Geological Survey

Compiled from USGS-TVA 1:24 000-scale topographic maps dated 1947-1983. Planting revised from aerial photographs taken 1981-1988 and other source data. Revised information not field checked. Map edited 1988.

Projection and 100-meter grid, zone 16: Universal Transverse Mercator
25 000-foot grid ticks based on Tennessee 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 3 meters 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	MAGNETIC	TRUE	1	2	3
2	6.5617		36° 00' 00" WEST 2° 15' 00" WEST 1° 00' 00" WEST 0° 00' 00" WEST 1° 00' 00" WEST 2° 15' 00" WEST 36° 00' 00" WEST	1	2	3
4	13.1234			4	5	6
6	19.6851			7	8	
8	26.2468					
10	32.8085					
12	39.3702					
14	45.9319					
16	52.4936					
18	59.0553					
20	65.6170					

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

UTM grid convergence (GCM) and 1988 magnetic declination (MAG) at center of map diagram is approximate

1 Muffalo
2 Middlebrook
3 State Bar Lake
4 Chattanooga
5 Cleveland
6 Chattanooga
7 Chattanooga
8 Dalton

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 20192
TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY,
NASHVILLE, TENN. 37219, AND
U.S. TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TENN. 37401

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: 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
- Wellhead; water well; spring
- Mine shaft; salt or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruin; cliff dwelling
- Disturbed surface: strip mine, lava, sand
- Contour: index, intermediate, supplementary
- Bathymetric contour: 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