



- Contours and elevations in meters
- Highways, roads and other manmade structures 9/10
- Water features
- Woodland areas
- Geographic names 32



1981
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 1965-1978. Planimetry revised from aerial photographs
taken 1979 and other source data. Revised information
not field checked. Map edited 1981

Projection and 10 000-meter grid, zone 16 : Universal
Transverse Mercator
25 000-foot grid ticks based on Tennessee
coordinate system

1927 North American Datum
To place on the predicted North American Datum 1983
move the projection lines 7 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
SUPPLEMENTARY CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO 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	Holmesville	2	Medfordshire	
2	6.5617			4	McConnville	5	Laurensburg	
3	9.8425			6	7	8	Chattanooga	
4	13.1234						9	Tomball
5	16.4042						7	Huntsville
6	19.6850						8	Chickamauga
7	22.9659							
8	26.2467							
9	29.5276							
10	32.8084							
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map						
To convert feet to meters multiply by 0.3048		Diagram is approximate						

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TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY,
NASHVILLE, TENN. 37219, AND
U.S. TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TENN. 37401,
OR KNOXVILLE, TENN. 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, not improved	
Route marker: Interstate, U. S. State	
Railroad: standard gauge, narrow gauge	
Bridge: overpass, underpass	
Stream, rock, railroad	
Built up area, locally, 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	
Canal, building	
Wetland: water well; spring	
Mine shaft; oil or gas; mine, quarry; gravel pit	
Cemetary; joint, U. S. location monument	
Rail, oil, dwelling	
Disturbed surface: strip mine, lava, sand	
Index: conifer, intermediate, supplementary	
Bathymetric contours; index, intermediate	
Stream: lake; perennial; intermittent	
Rapids, large and small; falls, ruts and snags	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Swamp, mangrove	
Order: virgin	

A pamphlet describing topographic maps is available on request.