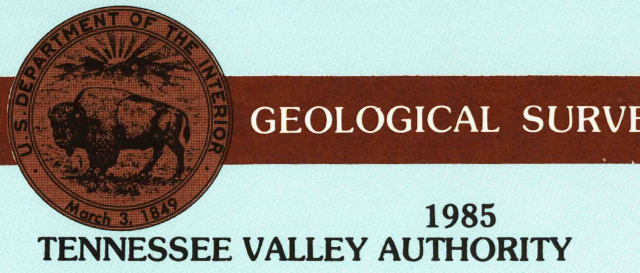


- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



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

Compiled from USGS TVA 1:24 000-scale topographic maps dated 1939-1984. Planimetry revised from aerial photographs taken 1976-1984 and other source data. Revised information not field checked. Map edited 1985.

Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator
25 000-foot grid ticks based on North Carolina and Tennessee coordinate systems
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 8 meters south and 12 meters west
There may be private landholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 50 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

USGS NMD HISTORICAL MAP
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
MAR 23 1989
REC'D FILE COPY

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS		
Meters	Feet		1	2	3
1	3.2808		4	5	
2	6.5617		6	7	8
3	9.8425				
4	13.1234				
5	16.4042				
6	19.6850				
7	22.9659				
8	26.2467				
9	29.5275				
10	32.8084				

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

UTM grid convergence (60° and 100° longitude)
declination (NM)
at center of map
Diagram is approximate

1 Mountain
2 Boone
3 Boone
4 Boone
5 Boone
6 Boone
7 Boone
8 Boone
9 Boone
10 Boone

FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80205, OR RESTON, VIRGINIA 22092
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, track
- 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, pre-acted
- Power transmission line, pipeline
- Dam, dam with lock
- Cemetery, building
- Wetland, water with 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
- Hydrographic 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

