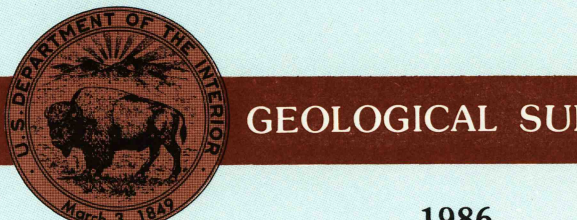




30 X 60 MINUTE QUADRANGLE
SHOWING

- 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 1956-1983. Planimetry revised from aerial photographs
taken 1960-1981 and other source data. Revised information
not field checked. Map edited 1986.
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 6 meters south and 4 meters east
There may be private inholdings within the boundaries of
the National or State reservations shown on this map

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	GN MN		1	2	3
1	3.2808			4	5	
2	6.5617					
3	9.8425					
4	13.1234					
5	16.4043					
6	19.6852					
7	22.9660					
8	26.2469					
9	29.5278					
10	32.8087					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map Diagram is approximate		1	2	3
To convert feet to meters multiply by 0.3048				4	5	
				6	7	8

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, 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, 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: protracted
- Power transmission line: pipeline
- Dam, dike with lock
- Cemetery, building
- Wellhead, water well, spring
- Mine shaft, adit or cave, mine, quarry, gravel pit
- Campground, picnic area, U. S. location monument
- Railroad, cliff dwelling
- Disturbed surface: strip mine, levee, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake, perennial, intermittent
- Reefs, large and small, bays, 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

