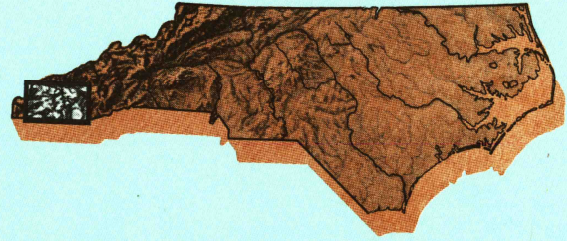


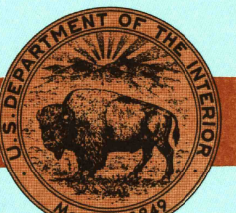
# Fontana Lake

N.C.-TENN.-S.C.-GA.

**1:100 000-scale *metric*  
topographic map**



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



March 3, 1983  
1983  
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 1949-1980. Polyimetry revised from aerial photographs  
taken 1976 and other source data. Revised information  
not field checked. Map edited 1983

Projection and 10 000-meter grid, zone 17; Universal  
Transverse Mercator  
25 000-foot grid ticks based on North Carolina  
coordinate system  
1927 North American Datum

To place on the predicted North American Datum 1983,  
move the projection lines 8 meters south and 10 meters west

There may be private inholdings 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 NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS:

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

**DECLINATION DIAGRAM**

$2^{\circ}14'$   
 44 MILS      1°22'

UTM grid magnetic convergence  
 (GN) and 1983 magnetic  
 declination (MN)  
 at center of map  
 Diagram is approximate

1	2	3
4	4	5
6	7	8

1 Watts Bar Lake

2 Knoxville

3 Asheville

4 Cleveland

5 Hendersonville

6 Dalton

7 Toccoa

8 Greenville

ADJOINING MAPS		
1	2	3
4		5
6	7	8

1 Watts Bar Lake  
 2 Knoxville  
 3 Asheville  
 4 Cleveland  
 5 Hendersonville  
 6 Dalton  
 7 Toccoa  
 8 Greenville

FOR SALE BY U.S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY  
NASHVILLE, TENNESSEE 37219 AND  
U.S. TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TENN. 37404

## 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: 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 line, township, section  
Range, township, section line: protected  
Power transmission line, pipeline  
Open, dam with lock  
Cemetery; building  
Windswept water wheel; spring  
Mine shaft; add or cave; mine, quarry, gravel pit  
Campground, picnic area; U.S. location monument  
Ruins; old dwelling  
Distorted surface: strip mine, levee, sand  
Contours: index; intermediate; supplementary  
Bathymetric contours: index; intermediate  
Stream, lake, perennial; intermittent  
Riprap, large and small; barge and small  
Area to be submerged; marsh, swamp  
Land subject to controlled inundation: woodland  
Scrub, mangrove