

Fontana Lake

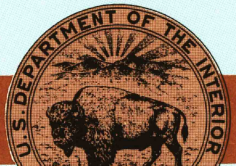
N.C.-TENN.-S.C.-GA.

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



GEOLOGICAL SURVEY

1983
TENNESSEE VALLEY AUTHORITY

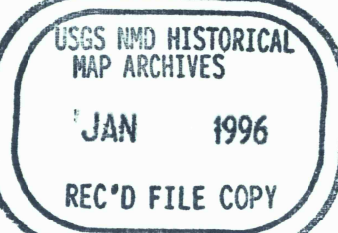
Produced by Tennessee Valley Authority
in cooperation with the United States Geological Survey
Compiled from USGS-TVA 1:24 000-scale topographic maps
dated 1946-1980. Planimetry revised from aerial photographs
taken 1976 and other source data. Revised information
not field checked. Map edited 1983
Projection 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

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet	MAGNETIC		1	2	3	
1	3.2808	29°1'		4	5	6	
2	6.5617	29°1'		7	8	9	
3	9.8425	29°1'		10	11	12	
4	13.1234	29°1'		13	14	15	
5	16.4042	29°1'		16	17	18	
6	19.6850	29°1'		19	20	21	
7	22.9659	29°1'		22	23	24	
8	26.2467	29°1'		25	26	27	
9	29.5275	29°1'		28	29	30	
10	32.8084	29°1'		31	32	33	

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048
LTM grid convergency (GN) and magnetic declination (MD) at center of map
Diagram is approximate



Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, soil
- Route marker: Interstate, U. S., State
- Railroad: standard gauge, narrow gauge
- Bridge: overpass, underpass
- Tunnel: road, railroad
- Built up area, locality, elevation
- Airport, landing field, landing strip
- National boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U. S. public lands survey: range, township, section
- Range, township, section line: pre-1900
- Power transmission line: pipeline
- Dam, dam with lock
- Cemetery, building
- Windmill, water well, spring
- Mine shaft, adit or cave, mine, quarry, gravel pit
- Campground, picnic area, U. S. location monument
- Railroad, cut-off, siding
- Distorted surface: strip mine, levee, sand
- Contours: index, intermediate, supplementary
- Bathymetric 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
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. 37401