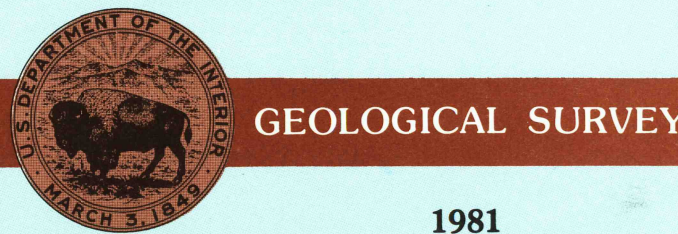




30 X 60 MINUTE QUADRANGLE
SHOWING

- 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 1:84 000-scale topographic maps
dated 1944-1978. Planimetry revised from aerial photographs
taken 1975-1976 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 and North
Carolina rectangular coordinate systems
1927 North American Datum
To place on the predicted North American Datum 1983
move the projection lines 6 meters south and 6 meters west
There may be private inholdings within the boundaries of
the National or State reservations shown on this map

CONTOUR INTERVAL 20 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	Fath			1	2	3	
1	0.000 47			4	5	6	
2	0.000 94			7	8	9	
3	0.001 41			10	11	12	
4	0.001 88			13	14	15	
5	0.002 35			16	17	18	
6	0.002 82			19	20	21	
7	0.003 29			22	23	24	
8	0.003 76			25	26	27	
9	0.004 23			28	29	30	
10	0.004 70			31	32	33	

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

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

1 McMinnville
2 Brown Lake
3 Knoxville
4 Chattanooga
5 Kennesaw Lake
6 Chattanooga
7 Dalton
8 Sevier
9 Sevier
10 Sevier

FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
TENNESSEE DIVISION OF GEOLOGY, NASHVILLE, TENN. 37219
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	
Relieved: standard gauge, narrow gauge	
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: protected	
Power transmission line: pipeline	
Dam, dam with lock	
Cemetery, building	
Wells, water well, 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	
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

