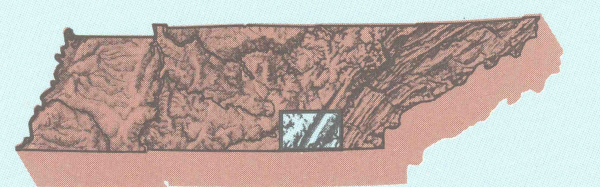
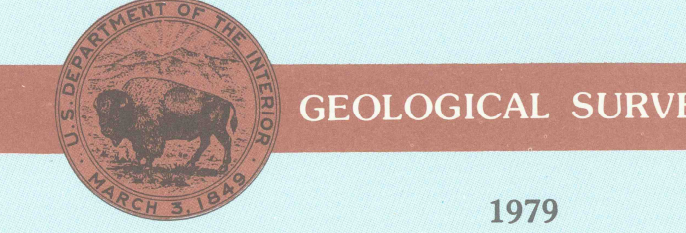




1:100 000-scale metric
topographic map of
Chattanooga
TENNESSEE



- 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 the Tennessee Valley Authority
in cooperation with the United States Geological Survey
Compiled from USGS-TVA 1:24 000-scale topographic maps
dated 1947-1974. Planimetry revised from aerial photographs
taken 1974, and other source data. Revised information
not field checked. Map edited 1979.
Projection and 10 000-meter grid, zone 16: Universal
Transverse Mercator
25 000-foot grid ticks based on Tennessee Rectangular
coordinate system
1927 North American Datum
To place on the predicted North American Datum 1983
move the projection lines 6 meters south and 3 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 THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS		
Meters	Feet		1	2	3
1	3.2808		1	2	3
2	6.5617		4	5	
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		UTM grid convergence (GK) and 1979 magnetic declination (M) at center of map Diagram is approximate	1 Murfreesboro 2 Marietta 3 Watts Bar Lake 4 Dalton 5 Cleveland 6 Knoxville 7 Chickamauga 8 Dalton		
To convert feet to meters multiply by 0.3048					

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	
Railroad, 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, protracted	
Power transmission line, pipeline	
Dam, dam with lock	
Cemetery, building	
Windmill, water well, spring	
Mine shaft, edit or cave, mine, quarry, gravel pit	
Campground, picnic area, U. S. location monument	
Rail, cliff dwelling	
Distorted surface, strip mine, leve, sand	
Contours: index, intermediate, supplementary	
Bathymetric contours: index, intermediate	
Stream, lake, perennial, intermittent	
Reefs, large and small, tide, 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
UNITED STATES, TOP. 1:100,000
CHATTANOOGA, TN
COPY 1
1979