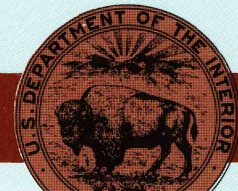




30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1984
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 1955-1979. Planimetry revised from aerial photographs taken 1980-1981 and other source data. Revised information not field checked. Map edited 1984

Projection and 10 000-meter grid, zone 16: Universal Transverse Mercator
25 000-foot grid lines 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 1 meter west
There may be private inholdings within the boundaries of the National and 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	Magnetic North (M) vs True North (T)		1	2	3		
1	3.2808	9° 15' M		4	5			
2	6.5616	9° 15' M		6	7	8		
3	9.8424	9° 15' M						
4	13.1232	9° 15' M						
5	16.4040	9° 15' M						
6	19.6848	9° 15' M						
7	22.9656	9° 15' M						
8	26.2464	9° 15' M						
9	29.5272	9° 15' M						
10	32.8080	9° 15' M						
To convert meters to feet multiply by 3.2808		UTM grid convergence (G) and 1983 magnetic declination (M) at center of map Diagram is approximate						
To convert feet to meters multiply by 0.3048								

FOR SALE BY U.S. GEOLOGICAL SURVEY
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TENNESSEE DEPARTMENT OF CONSERVATION
DIVISION OF GEOLOGY, NASHVILLE, TENNESSEE 37243
AND U.S. TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENN. 37402

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	Railroad: standard gage, narrow gage	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: protected	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	Bath: hot, cold	Disturbed surface: strip mine, levee, sand	Contours: index, intermediate, supplementary	Bathymetric contours: index, intermediate	Stream, lake: perennial, intermittent	Reefs, kelp and small, kelp, kelp and small	Area to be submerged: marsh, swamp	Land subject to controlled inundation; woodland	Scrub, mangrove	Orchard, vineyard
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