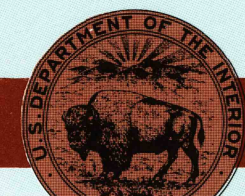




30 X 60 MINUTE QUADRANGLE  
SHOWING

- 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 Declination		1	2	3	4	5
1	3.2808	N		1	2	3	4	5
2	6.5616	N		6	7	8	9	10
3	9.8424	N						
4	13.1232	N						
5	16.4040	N						
6	19.6848	N						
7	22.9656	N						
8	26.2464	N						
9	29.5272	N						
10	32.8080	N						
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1984 magnetic declination (MD) at center of map Diagram is approximate		1 Nashville 2 Bowling Green 3 Clarksville 4 Dickson 5 Henderson 6 Knoxville 7 Memphis 8 Nashville 9 Chattanooga				
To convert feet to meters multiply by 0.3048								

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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 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: 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	—————
Railroad: siding, field, landing strip	—————
Disturbed surface: strip mine, levee, sand	—————
Contours: index, intermediate, supplementary	—————
Bathymetric contours: index, intermediate	—————
Stream, lake: perennial, intermittent	—————
Bayou, swamp and small, salt, brackish and small	—————
Area to be submerged: marsh, swamp	—————
Land subject to controlled inundation; woodland	—————
Scrub, mangrove	—————
Orchard, vineyard	—————

