



1:100 000-scale metric topographic map of

# Watts Bar Lake

TENNESSEE

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

1981

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 1940-1980. Planimetry revised from aerial photographs taken 1975-1981, and other sources. Revised information not field checked. Map edited 1981

Projection 10 000-meter grid, zone 16 : Universal Transverse Mercator  
25 000-foot grid ticks 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 6 meters 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 NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS	
Meters	Feet		1 2 3	
2	6.561		4 5	
4	13.122		6 7 8	
6	19.683			
8	26.244			
10	32.805			
To convert meters to feet multiply by 3.2808				1 Cookeville
To convert feet to meters multiply by 0.3048				2 Oak Ridge
				3 Chattanooga
				4 Knoxville
		5 Cleveland		
		6 Chattanooga		
		7 Knoxville		
		8 Watts Bar Lake		

FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092, TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY, NASHVILLE, TENN. 37219, AND 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 gage, narrow gage	—————
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, constructed	—————
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	—————
Ruin; cliff dwelling	—————
Distorted surface: strip mine, lava, sand	—————
Contours: index; intermediate; supplementary	—————
Topographic contour: 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