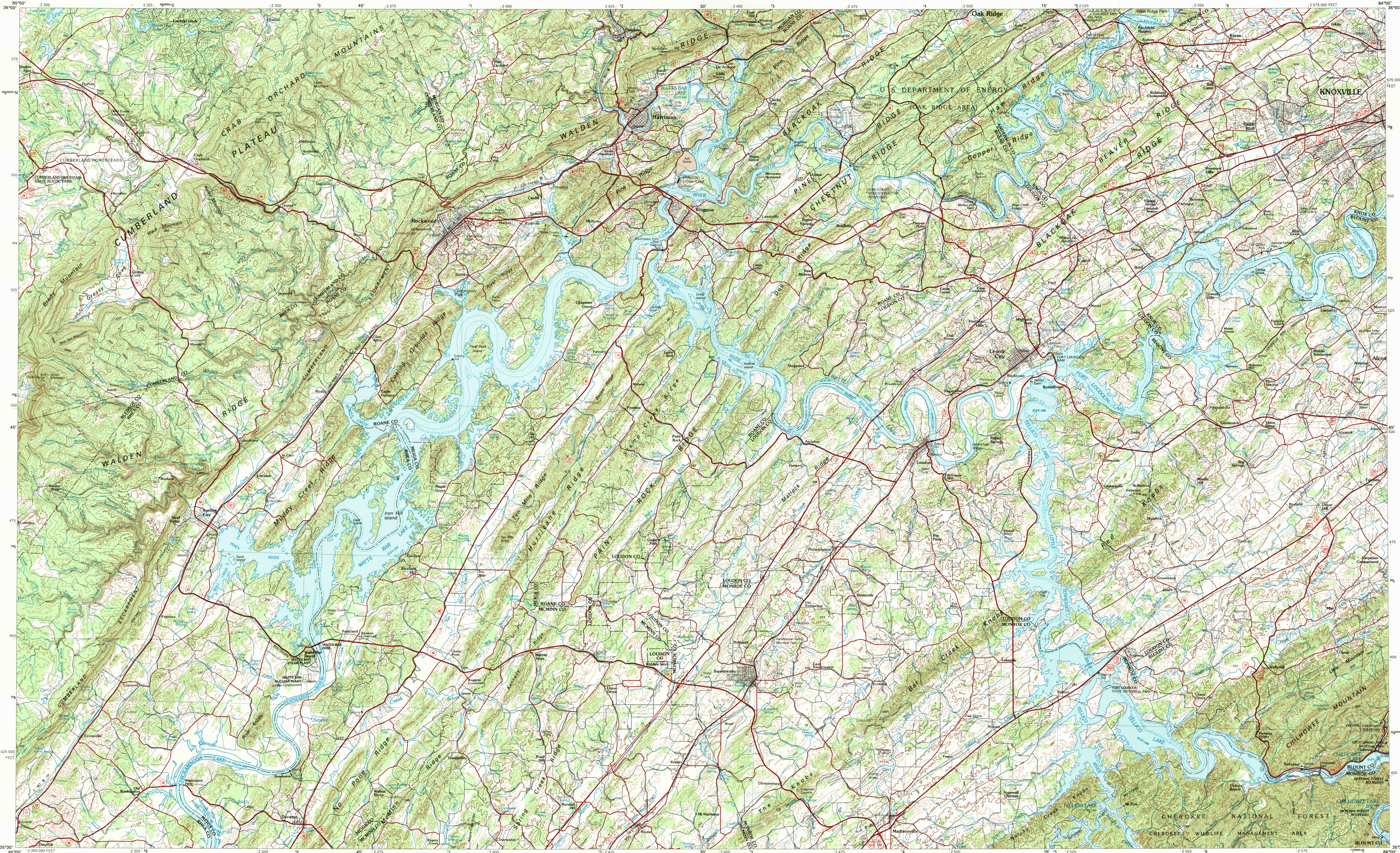




1:100 000-scale metric
topographic map of
Watts Bar Lake
TENNESSEE



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	13.123		6	7	8
6	19.685				
8	26.247				
10	32.809				
12	39.371				
14	45.933				
16	52.495				
18	59.057				
20	65.619				
To convert meters to feet multiply by 3.2808		UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map. Diagram is approximate			
To convert feet to meters multiply by 0.3048					

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	
Disturbed 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	
Sand; scarp	
Ordinary; vineyard	

A pamphlet describing topographic maps is available on request

WATTS BAR LAKE, TENNESSEE
N5330-W8400/30X60