



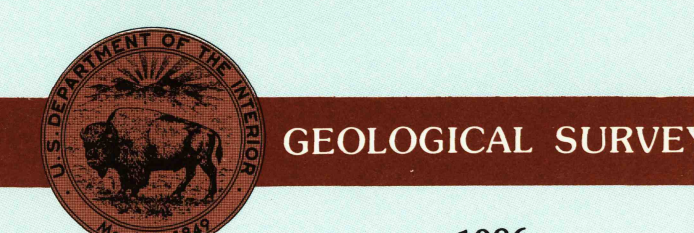
Memphis East TENNESSEE

1:100,000-scale metric
topographic map



30 X 60 MINUTE QUADRANGLE
SHOWING

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



1986
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 1951-1983. Planimetry revised from aerial photographs taken 1986-1981 and other source data. Revised information not field checked. Map edited 1986
Projection and 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 7 meters south and 7 meters east
There may be private landholdings within the boundaries of the National and State reservations shown on this map

CONTOUR INTERVAL 10 METERS
SUPPLEMENTARY CONTOUR INTERVAL 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METRE

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS							
Meters	Feet	Magnetic Declination		1	2	3	4	5	6	7	8
1	3.2808	Magnetic Declination									
2	6.5617	Magnetic Declination									
3	9.8425	Magnetic Declination									
4	13.1234	Magnetic Declination									
5	16.4042	Magnetic Declination									
6	19.6850	Magnetic Declination									
7	22.9659	Magnetic Declination									
8	26.2467	Magnetic Declination									
9	29.5275	Magnetic Declination									
10	32.8084	Magnetic Declination									
To convert meters to feet multiply by 3.2808		UTM grid convergence (km) at 100 meters: declination (MM) at center of map		1 Jacksonboro							
To convert feet to meters multiply by 0.3048		Diagram is approximate		2 Blytheville							
				3 Bolivar							
				4 Memphis West							
				5 Bolivar							
				6 Halls Springs							
				7 Halls Springs							
				8 Cornish							

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	Rail to area, loading, 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; adit or cave; mine, quarry; gravel pit	Campground; picnic area; U. S. location monument	Boys' life dwelling	Distorted surface: strip mine, lava, sand	Contours: index; intermediate; supplementary	Bathymetric contours: index; intermediate	Stream, lake; perennial; intermittent	Swamp, large and small; lake, large and small	Area to be submerged; marsh, swamp	Land subject to controlled inundation; woodland	Scrub; mangrove	Orchard; vineyard
-------------------------------	---------------------------------	---	-----------------------------	---------------------------------------	--------------------------------------	-----------------------------	------------------------	----------------------------------	---------------------------------------	-------------------	----------------	-----------------	--	---------------------	---	---	-----------------------------------	--------------------	--------------------	------------------------------	--	--	---------------------	---	--	---	---------------------------------------	---	------------------------------------	---	-----------------	-------------------

