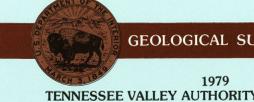


1:100 000-scale metric topographic map of Oak Ridge TENNESSEE



- 30 X 60 MINUTE QUADRANGLE SHOWING
- Contours and elevations in meters
 - Highways, roads and other manmade structures
 - Water features
 - Woodland areas
 - Geographic names



Produced by Tennessee Valley Authority in cooperation with the United States Geological Survey. Compiled from USGS-TVA 1:24 000-scale topographic maps dated 1948-1979. Planimetry revised from aerial photographs taken 1975-1976, and other source data. Revised information not field checked. Map edited 1979.

Projection and 10 000-meter grid, zone 16: Universal Transverse Mercator. 25 000-foot grid ticks based on Tennessee rectangular coordinate system. 1927 North American Datum. To place on the predicted North American Datum 1983, move the projection lines 6 meters south of 6 meters west.

There may be private inholdings within the boundaries of the National and State reservations shown on this map.

CONTOUR INTERVAL 50 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	MN	ON	1	2	3
2	6.5617					
4	13.1234					
6	19.6851					
8	26.2468					
10	32.8085					

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

UTM grid convergence (CM) and 1979 magnetic declination (MM) at center of map. Diagram is approximate.

1	2	3
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10

1 Tompkinsville
2 Middleboro
3 Newburgh
4 Morristown
5 Knoxville
6 Nashville
7 Macon Lake
8 Knoxville

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 20192
TENNESSEE DIVISION OF GEOLOGY, NASHVILLE, TENN. 37219
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, covered, 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, uncontracted
- 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
- Secondary index: intermediate, supplementary
- Bathymetric contours: 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