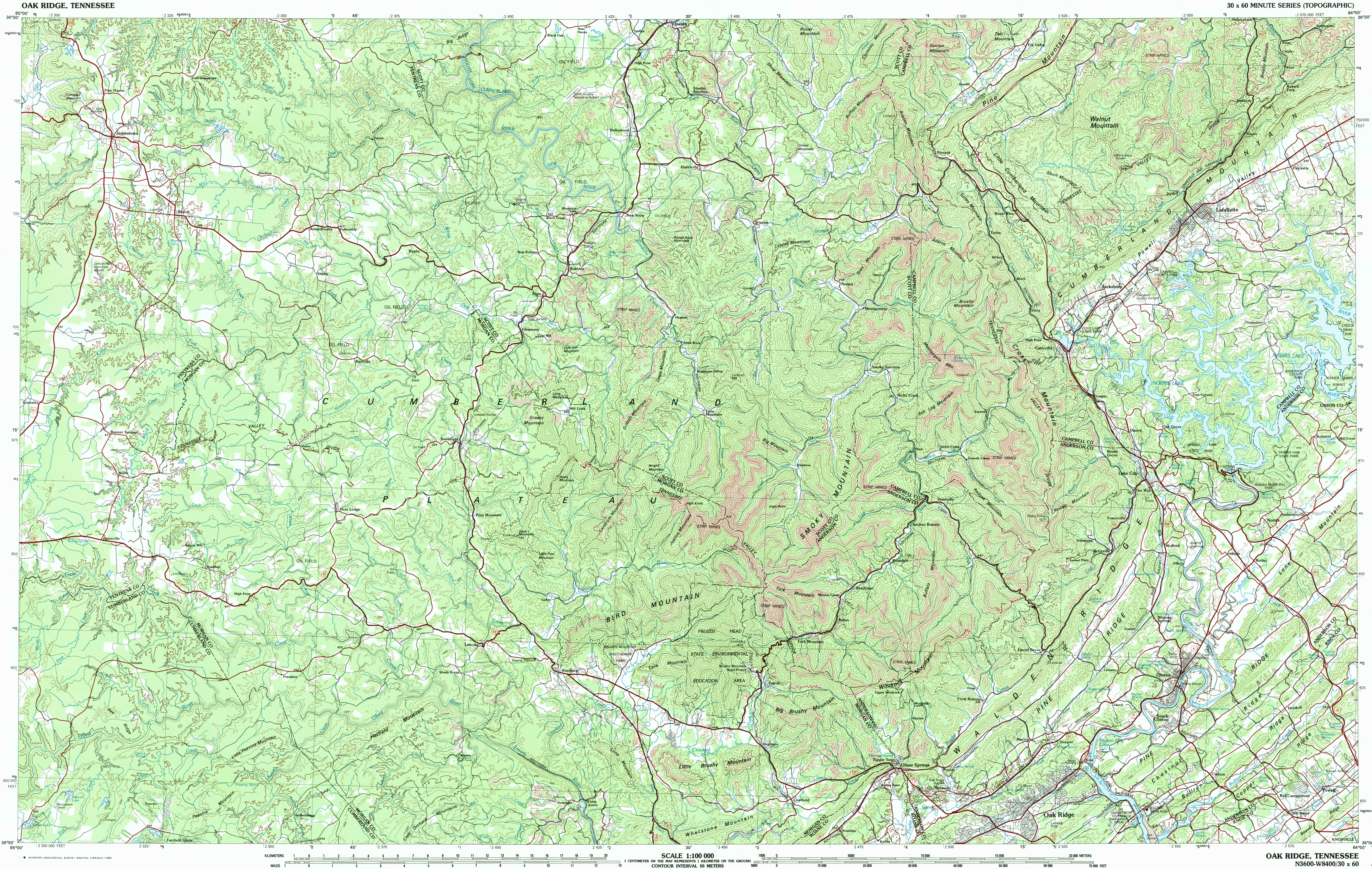




1:100 000-scale metric topographic map of
Oak Ridge
TENNESSEE

30 x 60 MINUTE QUADRANGLE SHOWING

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

1979
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 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 and 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 METRE

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
2	6.5617			4	5	
3	9.8425			6	7	8
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9658					
8	26.2467					
9	29.5275					
10	32.8084					
To convert meters to feet multiply by 3.2808				UTM grid convergence (ON and 1973 magnetic declination (MN) at center of map. Diagram is approximate		1 Tompkinsville 2 Corbin 3 Middleboro 4 Cookeville 5 Morristown 6 McMinnville 7 Watts Bar Lake 8 Knoxville
To convert feet to meters multiply by 0.3048						

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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, constructed	
Power transmission line; pipeline	
Dam; dam with lock	
Cemetery; building	
Windmill; water well; spring	
Mine shaft; adit or ore; mine; quarry; gravel pit	
Campground; picnic area; U. S. location monument	
Ruin; cliff dwelling	
Distorted surface: strip mine, lava; sand	
Contour line; 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	

OAK RIDGE, TENNESSEE
N3600-W8400/30 x 60
1979

