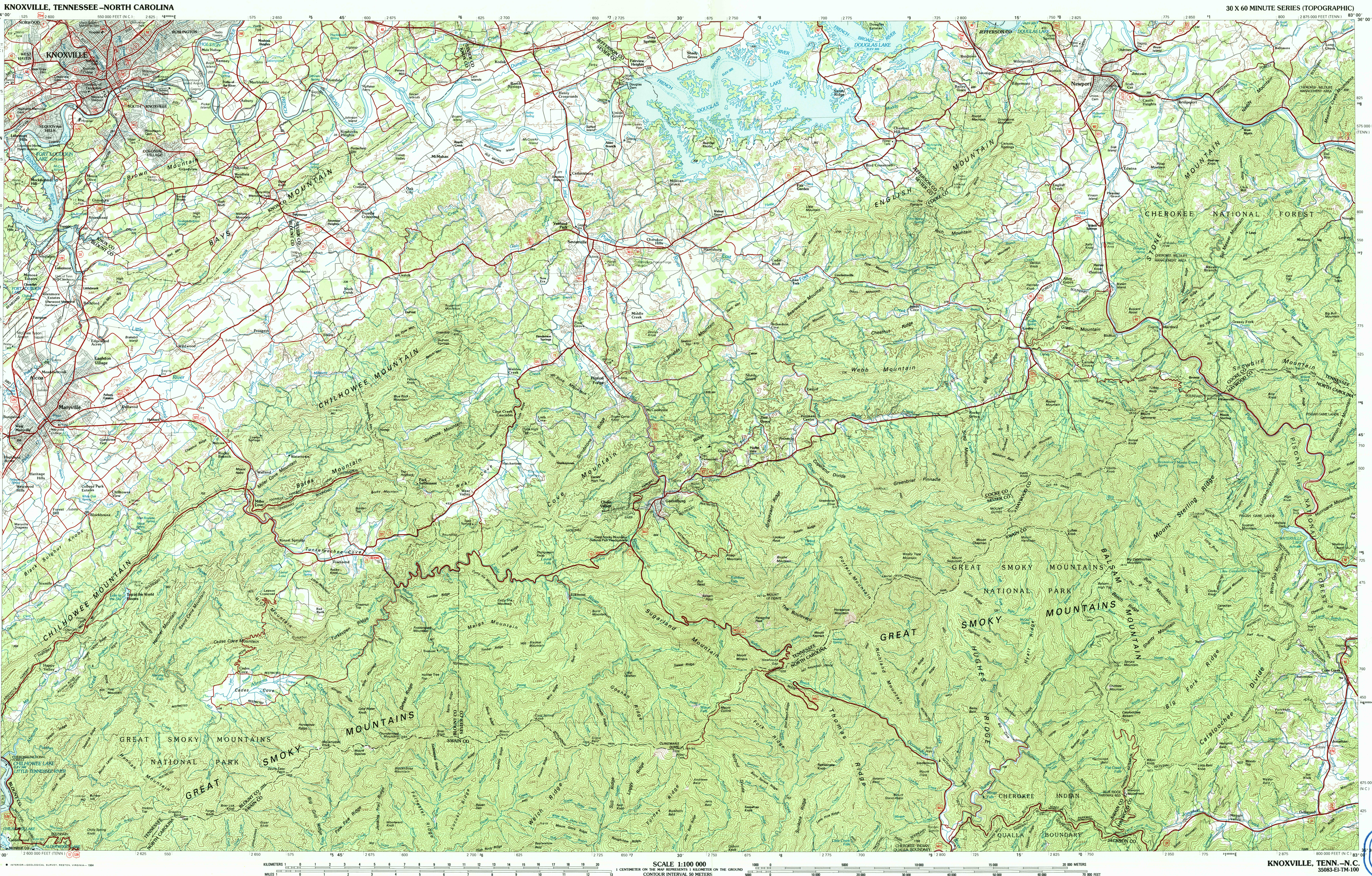




Knoxville

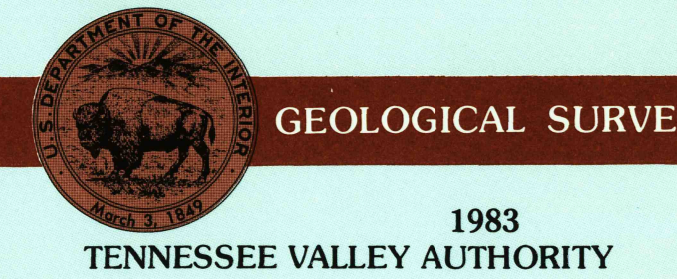
TENNESSEE-NORTH CAROLINA

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



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 source data. Revised information not field checked. Map edited 1983.
Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator
25 000-foot grid ticks based on Tennessee and North Carolina coordinate systems
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 7 meters south and 9 meters west
There may be private inholdings within the boundaries of the National or 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

Meters

Feet

1

3.2808

2

6.5617

3

9.8425

4

13.1234

5

16.4042

6

19.6850

7

22.9659

8

26.2467

9

29.5276

10

32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

MN

GN

12°

44 MILS

1°28'

26 MILS

UTM grid convergence (GN and 180 magnetic declination) (M)

Diagram is approximate

ADJOINING MAPS

1

2

3

4

5

6

7

8

1 Oak Ridge

2 Marysville

3 Johnson City

4 Watts Bar Lake

5 Asheville

6 Cleveland

7 Fossil Lake

8 Hendersonville

FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 20192.
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: 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
- Railroad: siding; landing strip
- Disturbed surface: strip mine, lava, sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake; perennial; intermittent
- Swamp, bog and small; lake, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Orchard; vineyard

