

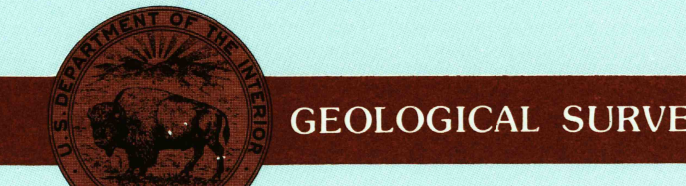
Hickory NORTH CAROLINA

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



1986
TENNESSEE VALLEY AUTHORITY

Produced by the Tennessee Valley Authority in cooperation with the U. S. Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1956-1970. Planimetry revised from imagery dated 1983-84 and other source data. Revised information not field checked. Map edited 1986.
North American Datum of 1927 (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 17. 25 000-foot ticks: North Carolina coordinate system.
The values of the shift between NAD 27 and North American Datum of 1983 (NAD 83) for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

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

Year	Magnetic North (M)	True North (T)
1980	89° 15' W	0° 00' W
1985	89° 10' W	0° 00' W
1990	89° 05' W	0° 00' W
1995	89° 00' W	0° 00' W
2000	88° 55' W	0° 00' W

UTM grid convergence (GN) and 1983 magnetic (M) at center of map. Diagram is approximate.

1	2	3
4	5	6
7	8	9

1 Johnson City
2 Booneville
3 Waverly
4 Johnson City
5 Johnson City
6 Johnson City
7 Johnson City
8 Johnson City
9 Johnson City



- ### Topographic Map Symbols
- Primary highway, hard surface
 - Secondary highway, hard surface
 - Light duty road, principal street, hard or improved surface
 - Other road or street, mail
 - 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: protected
 - Power transmission line, pipeline
 - Dam; dam with lock
 - Cemetery: building
 - Wellhead; 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
 - Contours: 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

A pamphlet describing topographic maps is available on request

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