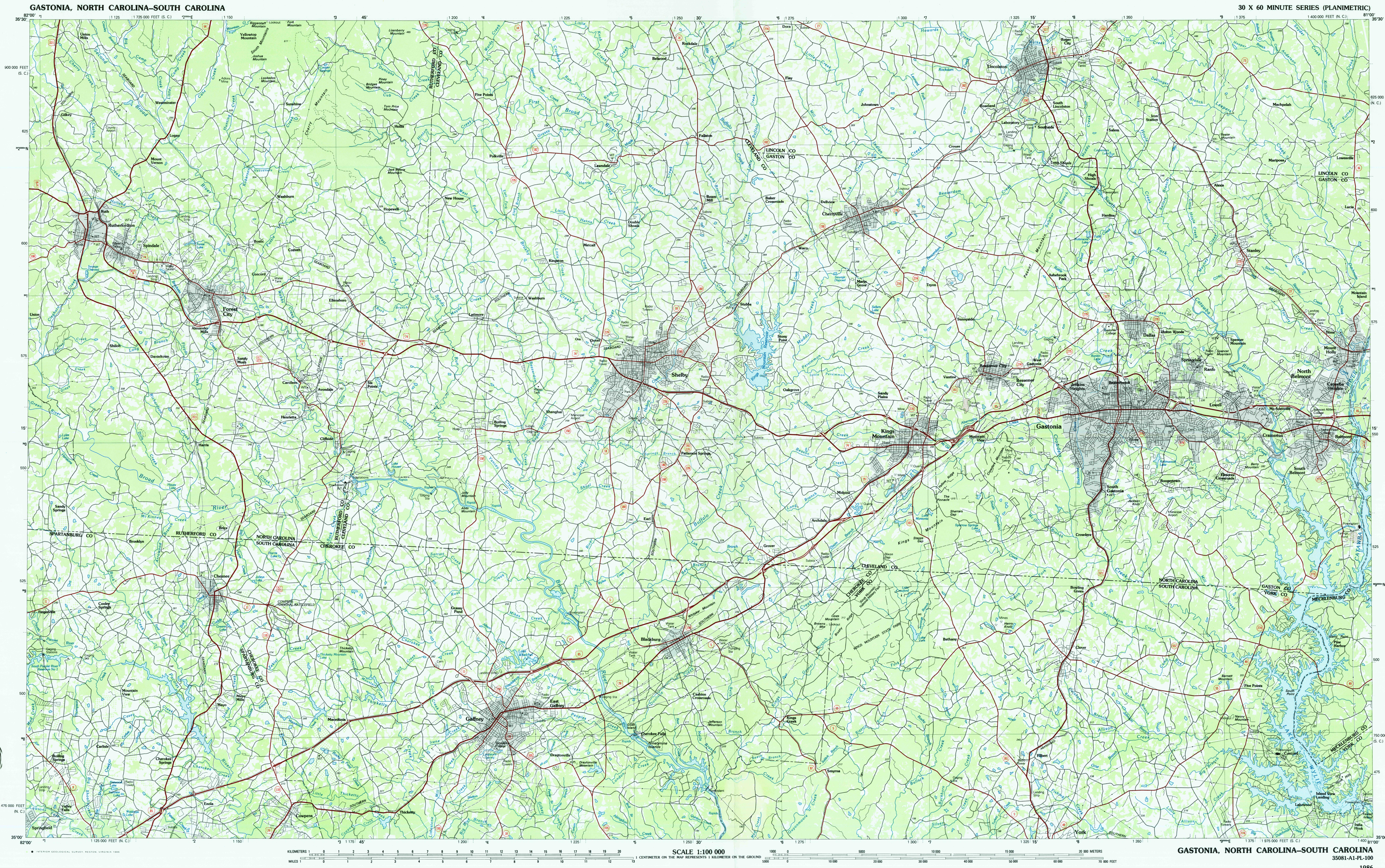




Gastonia

NORTH CAROLINA-SOUTH CAROLINA
1:100 000-scale
planimetric map

30 X 60 MINUTE QUADRANGLE
SHOWING

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

1986

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1947-1983. Planimetry revised from aerial photographs taken 1983-84 and other source data. Revised information not field checked.
Map edited 1986.
Projection and 10 000-meter grid, zone 17 Universal Transverse Mercator.
25 000-foot grid ticks based on North Carolina coordinate system, and South Carolina coordinate system, north zone 1927 North American Datum.
To place on the predicted North American Datum 1983 move the projection lines 10 meters south and 16 meters west. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

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	3.281
2	6.562
3	9.843
4	13.124
5	16.405
6	19.686
7	22.967
8	26.248
9	29.529
10	32.810

To convert meters to feet multiply by 3.281
To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM	
UTM	CH
5°	0°17'
5°	5°

UTM grid convergence (CH) and 1983 magnetic declination (MM) at center of map.
Diagram is approximate.

ADJOINING MAPS		
1	2	3
1 Asheville	2 Hickory	3 Salisbury
4 Hendersonville	5 Charlotte	6 Greenville
7 Spartanburg	8 Lancaster	

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092

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 gauge, narrow gauge
Bridge: overpass, underpass
Tunnel: road, railroad
Built up area, locality, elevation
Airport: landing field, landing strip
National boundary
State 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
Windmill; water well; spring
Mine shaft; adit or cave; mine, quarry; gravel pit
Campground; picnic area, U. S. location monument
Ruins: old dwelling
Distorted surface: strip mine, lava, sand
Contours: index; intermediate; supplementary
Bathymetric contours: index; intermediate
Stream, lake: perennial; intermittent
Rocks, large and small; baffle, large and small
Area to be submerged, marsh, swamp
Land subject to controlled inundation; woodland
Straw; mangrove
Orchard; vineyard

RETURN TO: USGS AND HISTORICAL MAP ARCHIVES

A pamphlet describing topographic maps is available on request