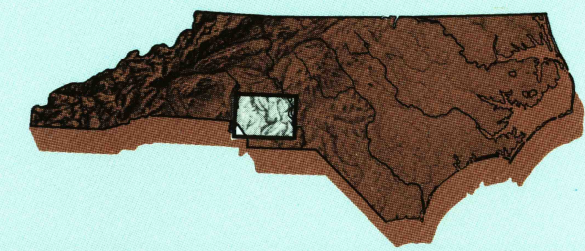


Charlotte
NORTH CAROLINA
SOUTH CAROLINA

1:100 000-scale
planimetric map



30 X 60 MINUTE QUADRANGLE
SHOWING

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



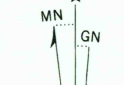
GEOLOGICAL SURVEY

1985

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1956-1981. Planimetry revised from aerial photographs taken 1983 and other source data. Revised information not field checked. Map edited 1985.
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 11 meters south and 18 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		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet			1	2	3	
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		UTM grid convergence (GN) and 1985 magnetic declination (MN) at center of map. Diagram is approximate		1 Hickory 2 Salisbury 3 Chapel Hill 4 Gastonia 5 Southern Pines 6 Spartanburg 7 Lancaster 8 Lenoir			
To convert feet to meters multiply by 0.3048							

USGS NMD HISTORICAL MAP

JUN 03 1986

REC'D FILE COPY

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, mostly, 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: off loading	Distorated 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
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A pamphlet describing topographic maps is available on request

SCALE 1:100 000
KILOMETERS 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
MILES 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13
5000 0 10000 20000 30000 40000 50000 60000 70000 FEET

CHARLOTTE, N. C.—S. C.
35080-A1-PL-100

1985