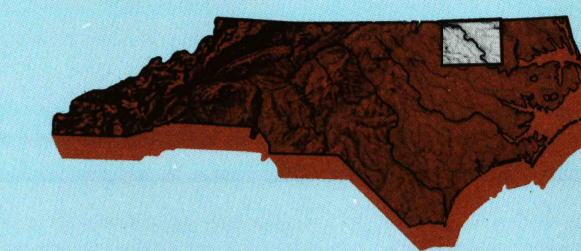


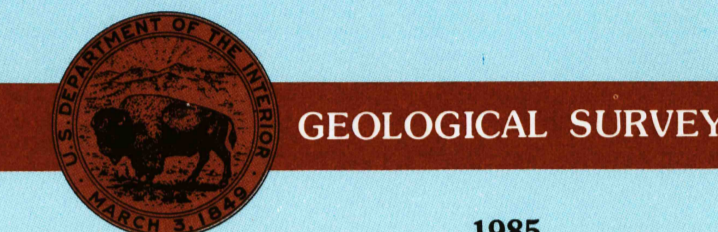
Roanoke Rapids NORTH CAROLINA

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 the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1960-1977. Planimetry revised from aerial photographs taken 1982-83 and other source data. Revised information not field checked. Map edited 1985.
 Projection and 10 000-meter grid, zone 18, Universal Transverse Mercator
 25 000-foot grid ticks based on North Carolina coordinate system 1927 North American Datum
 To place on the predicted North American Datum 1983, move the projection lines 12 meters south and 27 meters west
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATIONS SHOWN TO THE NEAREST METER

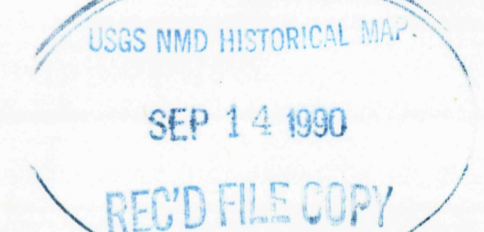
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	133 MILES	100 MILES	1	2
1	3.2808			1	2
2	6.5617			3	4
3	9.8425			5	6
4	13.1234			7	8
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

UTM grid convergence (ENU and 100 magnetic declination) (M) center of map Diagram is approximate

FOR SALE BY U.S. GEOLOGICAL SURVEY
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Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, rail
- 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
- County boundary
- National or State reservation boundary
- Land grant boundary
- U.S. public lands survey: range, township, section
- Range, township, section line: projected
- 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
- 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; woodlands
- Swamp, mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

