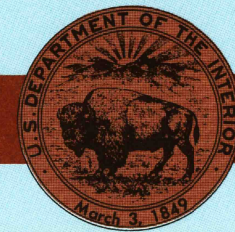


30 X 60 MINUTE QUADRANGLE  
SHOWING

- 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 1973-1981. Planimetry revised from aerial photographs  
taken 1987-88 and other source data. Revised information not  
field checked. Map edited 1990  
Projection and 10 000-meter grid, zone 17,  
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 24 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		1	2	3	
1	3.2808		1	2	3	
2	6.5617		4	5		
3	9.8425		6	7	8	
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9658					
8	26.2467					
9	29.5275					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GTM and 1983 magnetic declination) (MM) at center of map Diagram is approximate		1 Greensboro 2 Henderson 3 Roanoke Rapids 4 Chapel Hill 5 Rocky Mount 6 Southern Pines 7 Fayetteville 8 Kinston		
To convert feet to meters multiply by 0.3048						

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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, 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	
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	
Canal: canal	
Wetland: water well; spring	
Mine shaft; adit or cave; mine, quarry; gravel pit	
Campground: picnic area; U. S. location monument	
Ruins; 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	
Sink; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request

