



Produced by the United States Geological Survey  
in cooperation with the North Carolina Department  
of Environment and Natural Resources

Topography compiled 1948. Planimetry derived from imagery taken  
1981 and other sources. Photoinspected using imagery dated 2002;  
no major culture or drainage changes observed. Survey control  
current as of 1949. Boundaries, other than corporate, revised 2002

North American Datum of 1927 (NAD 27). Projection and  
10 000-foot ticks. North Carolina coordinate system  
(Lambert conformal conic)

1000-meter Universal Transverse Mercator grid, zone 17  
North American Datum of 1983 (NAD 83) is shown by dashed  
corner ticks. The values of the shift between NAD 27 and 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  
Information shown in purple may not meet USGS content standards  
and may conflict with previously mapped contours

UTM GRID AND 2002 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
(TO CONVERT ELEVATIONS TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, SUBTRACT 1 FOOT)  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

1 2 3  
4 5  
6 7 8

1 Pinebluff  
2 McCain  
3 Nicholson Creek  
4 Silver Hill  
5 Raeford  
6 Laurinburg  
7 Wadega  
8 Red Springs

RECEIVED  
OCT 31 2002

HISTORICAL MAP ARCHIVES

WAGRAM, NC  
2002

NIMA 5153 IV NE-SERIES V842