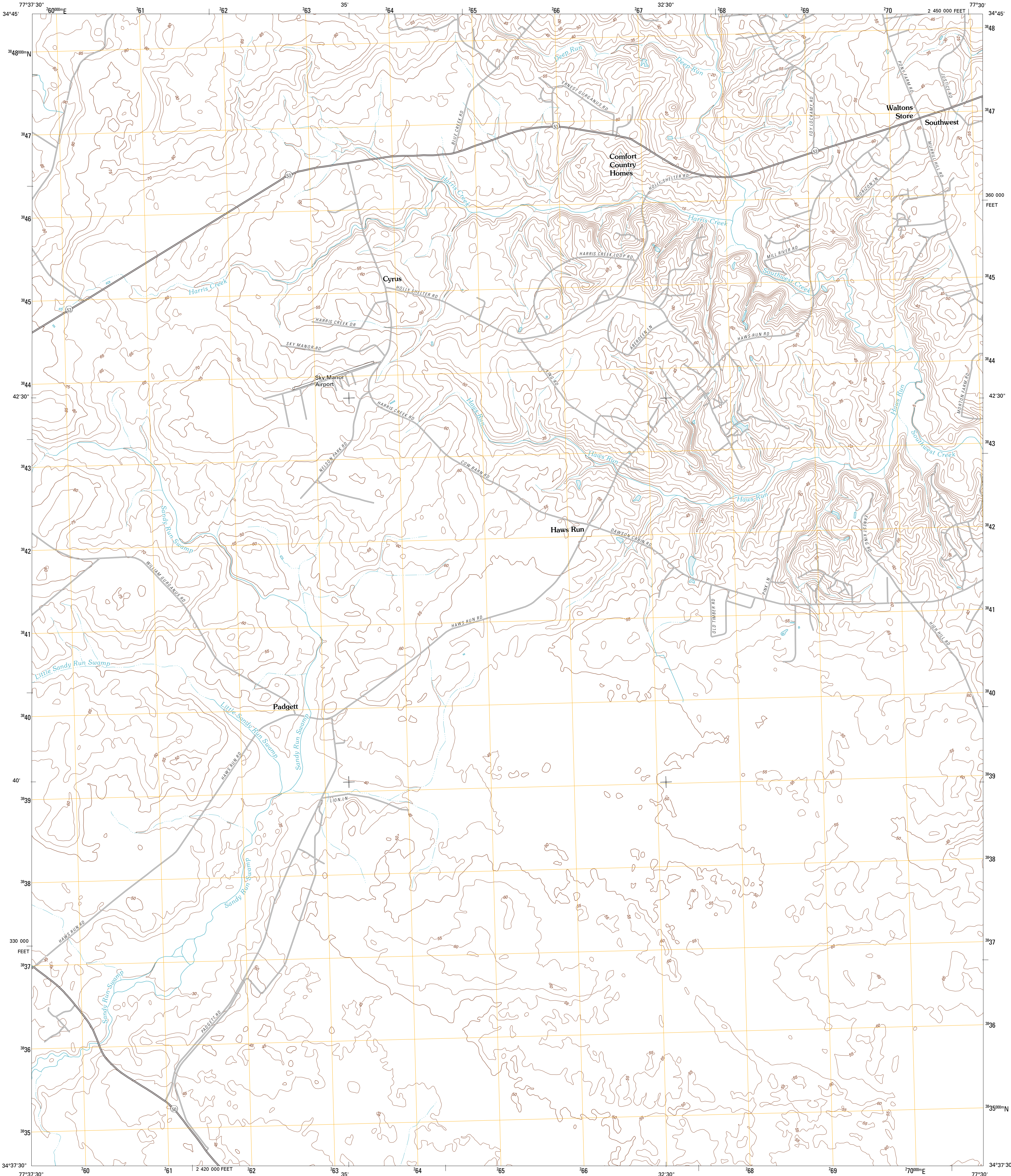




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY



HAWS RUN QUADRANGLE  
NORTH CAROLINA  
7.5-MINUTE SERIES



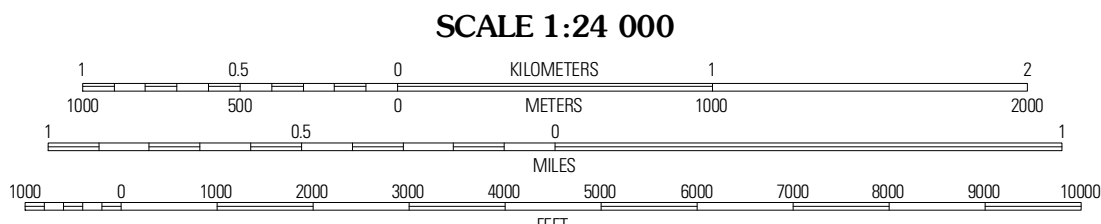
Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 18S  
10 000-foot ticks: North Carolina Coordinate System of 1983

Imagery.....NAIP, May 2009 - July 2009  
Roads.....©2006-2010 Tide Atlas  
Names.....GNIS, 2010  
Hydrography.....National Hydrography Dataset, 2009  
Contours.....National Elevation Dataset, 2008

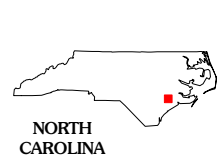
UTM GRID AND 2011 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

9° 27' N  
168 MILES  
1° 27' E  
26 MILES

U.S. National Grid  
100,000m Square ID  
TD  
Grid Zone Designation  
18S



SCALE 1:24 000  
CONTOUR INTERVAL 5 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with version 0.5.10 of the  
draft USGS Standards for 7.5-Minute Quadrangle Maps.  
A metadata file associated with this product is draft version 0.5.11



QUADRANGLE LOCATION

|               |                |                    |
|---------------|----------------|--------------------|
| Lyman         | Catherine Lake | Jacksonville North |
| Maple Hill    | Haws Run       | Jacksonville South |
| Maple Hill SW | Folklstone     | Sneads Ferry       |

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION

Interstate Route  
US Route  
Ramp

State Route  
Local Road  
4WD

Interstate Route  
US Route  
State Route

HAWS RUN, NC  
2011