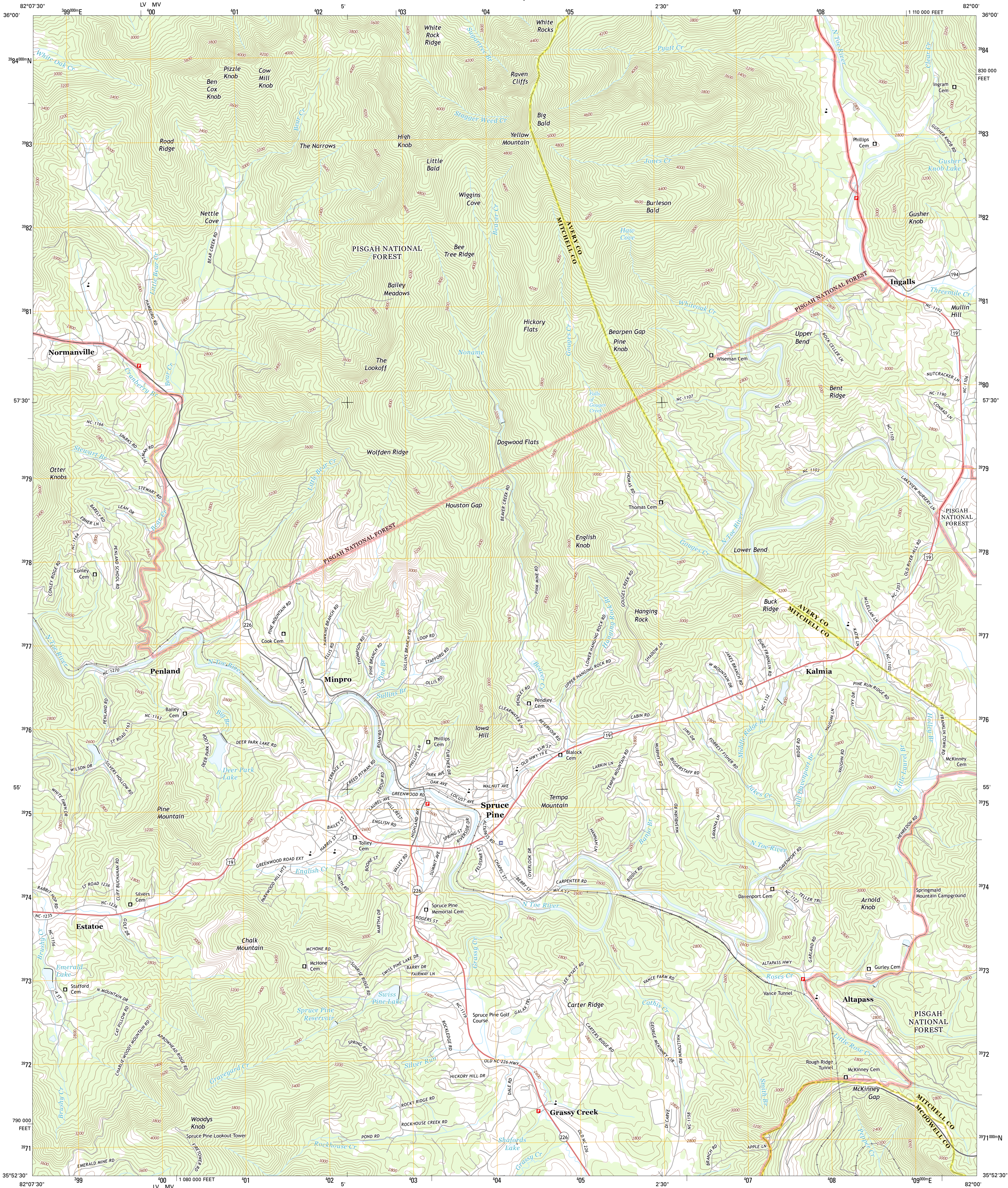




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY



SPRUCE PINE 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 17S  
10 000-foot ticks: North Carolina Coordinate System of 1983

Imagery.....NAIP, June 2012 - August 2012  
Roads.....©2006-2012, TomTom  
Roads within US Forest Service Lands.....FS Topo Data  
with limited Forest Service updates, 2013  
Names.....GNIS, 2013  
Hydrography.....National Hydrography Dataset, 2012  
Contours.....National Elevation Dataset, 2008  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2012

UTM GRID AND 2013 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

U.S. National Grid  
100,000-m Square ID  
LV MV  
Grid Zone Designation  
17S

SCALE 1:24 000

1 0.5 0 0.5 1 2  
1000 500 0 500 1000 2000  
KILOMETERS  
1 0.5 0 0.5 1 2  
1000 500 0 500 1000 2000  
METERS  
1 0.5 0 0.5 1 2  
1000 500 0 500 1000 2000  
MILES  
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
FEET

CONTOUR INTERVAL 40 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the  
National Geospatial Program US Topo Product Standard, 2011.  
A metadata file associated with this product is draft version 0.6.11



QUADRANGLE LOCATION		
Bakersville	Carvers Gap	Newland
Micaville	Spruce Pine	Livville Falls
Celo	Little Switzerland	Ashford

ROAD CLASSIFICATION

Expressway  
Secondary Hwy  
Ramp  
Interstate Route  
FS Primary Route

Local Connector  
Local Road  
4WD  
US Route  
FS Passenger Route  
State Route  
FS High Clearance Route

Check with local Forest Service unit  
for current travel conditions and restrictions.

SPRUCE PINE, NC  
2013