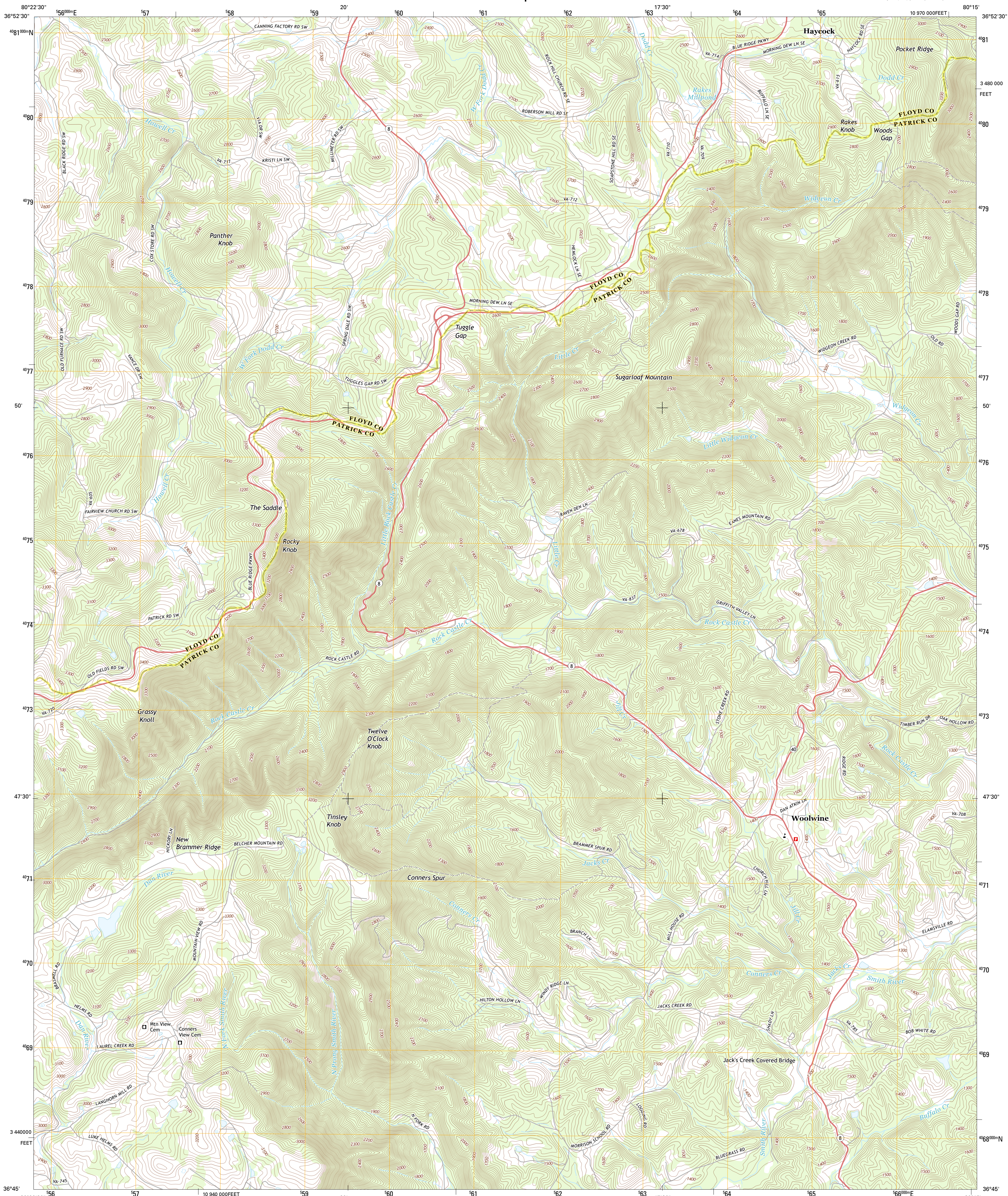




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY



WOOLWINE QUADRANGLE  
VIRGINIA  
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: Virginia Coordinate System of 1983 (south  
zone)

Imagery.....NAIP, June 2012 - September 2012  
Roads.....©2006-2012 TomTom  
Names.....GNIS, 2013  
Hydrography.....National Hydrography Dataset, 2012  
Contours.....National Elevation Dataset, 1999  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2012

UTM GRID AND 2013 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

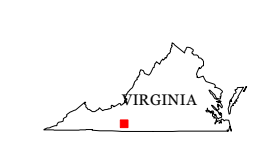
U.S. National Grid
100,000-m Square ID
NA
Grid Zone Designation
17S

SCALE 1:24 000

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

CONTOUR INTERVAL 20 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		
Alum Ridge	Floyd	Endicott
Willis	Woolwine	Charity
Meadows of Dan	Stuart	Patrick Springs

ROAD CLASSIFICATION

Expressway  
Secondary Hwy  
Ramp

Local Connector  
Local Road  
4WD

Interstate Route  
US Route  
State Route

WOOLWINE, VA  
2013