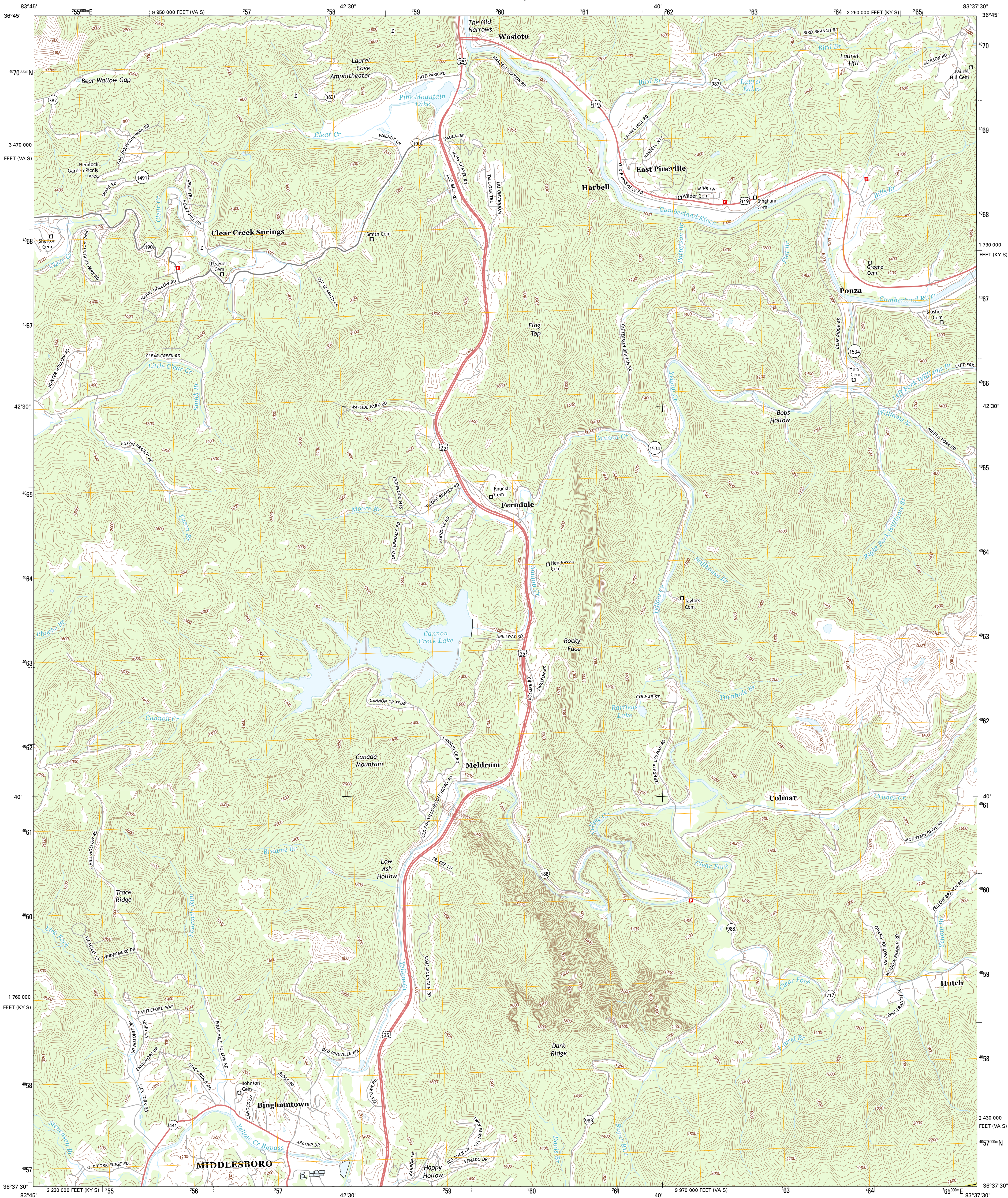




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY



MIDDLESBORO NORTH QUADRANGLE  
KENTUCKY-VIRGINIA  
7.5-MINUTE SERIES



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83). Projection and  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 17S  
10 000-foot ticks: Kentucky Coordinate System of 1983 (south  
zone), Virginia Coordinate System of 1983 (south zone)

Imagery.....NAIP, June 2012  
Roads.....©2006-2012, TomTom  
Names.....©2012, National Hydrography Dataset, 2012  
Contours.....National Elevation Dataset, 2002  
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   |
| KA                    |
| Grid Zone Designation |
| 17S                   |

SCALE 1:24 000

1 000 0 500 0 500 1000 2000  
KILOMETERS  
1 000 0 500 0 500 1000 2000  
METERS  
1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
MILES  
1 000 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 0.6.8



|            |                   |         |
|------------|-------------------|---------|
| Artemus    | Pineville         | Balkan  |
| Kayjay     | Middlesboro North | Varilla |
| Fork Ridge | Middlesboro South | Wheeler |

ADJOINING 7.5 QUADRANGLES

ROAD CLASSIFICATION

|                  |                 |
|------------------|-----------------|
| Expressway       | Local Connector |
| Secondary Hwy    | Local Road      |
| Ramp             | 4WD             |
| Interstate Route | US Route        |
|                  | State Route     |

MIDDLESBORO NORTH, KY-VA  
2013