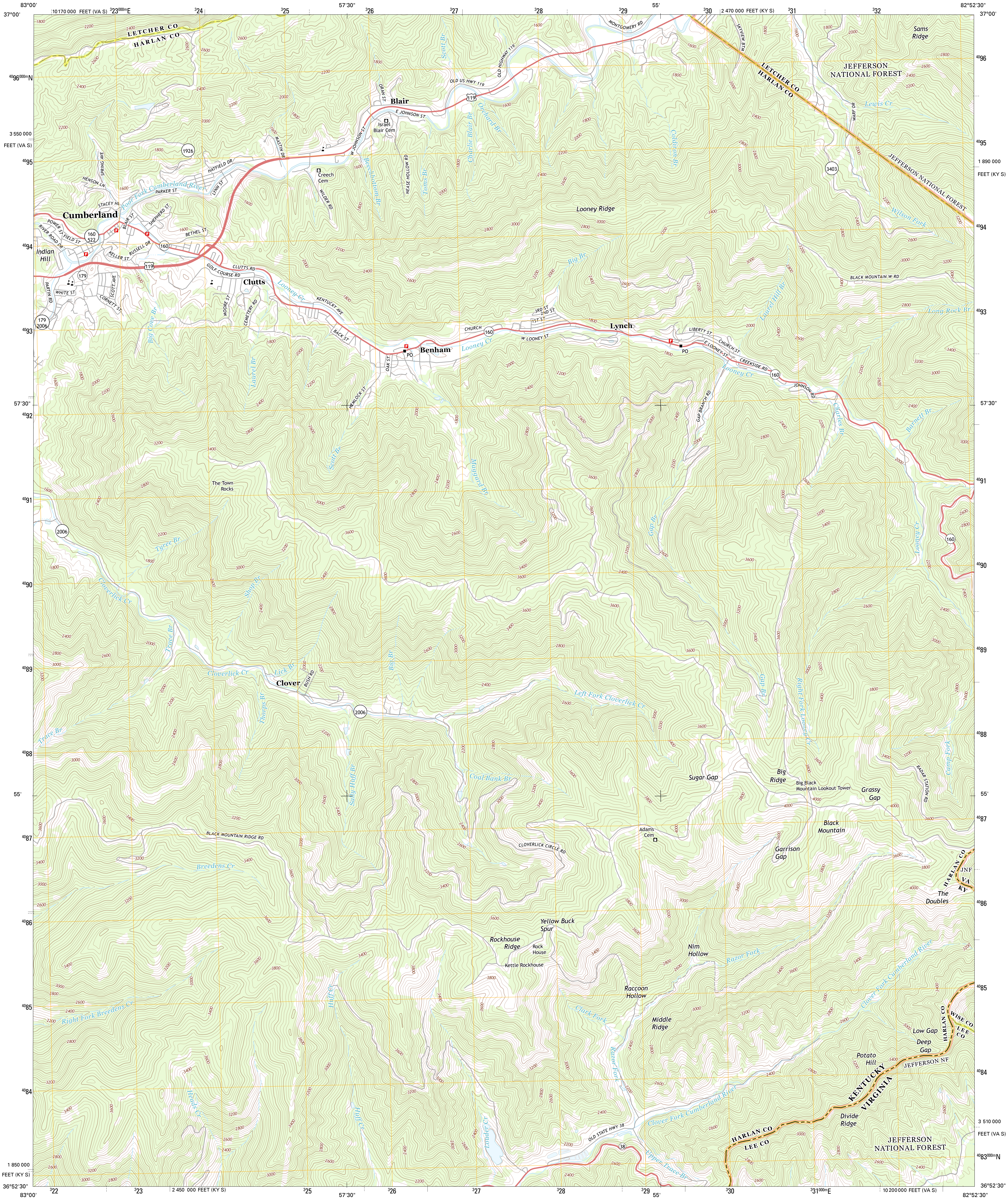
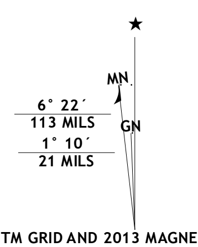
U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

BENHAM QUADRANGLE
KENTUCKY-VIRGINIA
7.5-MINUTE SERIES


83°00'
37°00'
10 170 000 FEET (VA S)
3 23 000m E
3 24
3 25
57'30"
3 26
3 27
3 28
3 29
55'
3 30
2 470 000 FEET (KY S)
3 31
3 32
82°52'30"
37°00'
40 96 000m N
3 550 000 FEET (VA S)
40 95
40 94
40 93
57'30"
40 92
40 91
40 90
40 89
40 88
55'
40 87
40 86
40 85
40 84
1 850 000 FEET (KY S)
36°52'30"
83°00'
3 22
3 23
2 450 000 FEET (KY S)
3 25
57'30"
3 26
3 27
3 28
3 29
55'
3 30
3 31 000m E
10 200 000 FEET (VA S)
82°52'30"
36°52'30"
40 83 000m N
3 510 000 FEET (VA S)
1 890 000 FEET (KY S)
LETCHER CO
HARLAN CO
Blair
Israel Blair Cem
Creech Cem
Cumberland
Indian Hill
Clutts
Benham
PO
Lynch
PO
Poor Fork Cumberland River
Looney Cr
Looney Ridge
Sams Ridge
JEFFERSON NATIONAL FOREST
JEFFERSON NATIONAL FOREST
LETCHER CO
HARLAN CO
Lewis Cr
Wilson Fork
Long Rock Br
Laurel Hill Br
Big Br
Coldiron Br
Orchard Br
Charlie Blair Br
Toms Br
Scott Br
Beechbottom Br
Big Cove Br
Laurel Br
Charles Br
Barnett Br
OLD HIGHWAY 119
OLD US HWY 119
MONTGOMERY RD
SKYVIEW BTM
WARF DR
BLACK MOUNTAIN W RD
ORAN ST
E JOHNSON ST
W JOHNSON ST
MASTIN DR
WILDER RD
NEASE HOLLOW RD
HATFIELD DR
SPRING AVE
HENSON LN
PARKER ST
LYNN ST
STACEY HL
SHEPHERD ST
BLAIR ST
BETHEL ST
POWER ST
FIELD ST
RIVER ROAD DR
KELLER ST
RUSSELL DR
CLUTTS RD
GOLF COURSE RD
PARTIN RD
WHITE ST
SCOTT AVE
CORNETT ST
MOORE ST
CEMETERY RD
KENTUCKY AVE
BACK ST
OAK ST
HEMLOCK ST
CHURCH
3RD ST
2ND ST
1ST ST
W LOONEY ST
LIBERTY ST
CHURCH ST
E LOONEY ST
CREEKSIDE RD
JOHNSON RD
GAP BRANCH RD
119
119
1926
160
522
160
160
160
160
179
179
2006
2006
2006
3403
The Town Rocks
Scott Br
Maggard Br
Tyree Br
Cloverlick Cr
Shop Br
Trace Br
Cloverlick Cr
Lick Br
Clover
BUSH RD
Thorps Br
Big Br
Gap Br
Looney Cr
Trace Br
Sally Huff Br
Coal Bank Br
Left Fork Cloverlick Cr
Gap Br
Right Fork Looney Cr
Camp Fork
Sugar Gap
Big Ridge
Big Black Mountain Lookout Tower
Grassy Gap
RADAR STATION RD
Black Mountain
Garrison Gap
Adams Cem
BLACK MOUNTAIN RIDGE RD
CLOVERLICK CIRCLE RD
Breedens Cr
HARLAN CO
JNF
VA
KY
The Doubles
Yellow Buck Spur
Rockhouse Ridge
Rock House
Kettle Rockhouse
Nim Hollow
Razor Fork
Raccoon Hollow
Clover Fork Cumberland River
Clark Fork
Middle Ridge
Right Fork Breedens Cr
Huff Cr
Heads Cr
Huff Cr
Louder Cr
Razor Fork
HARLAN CO
WISE CO
LEE CO
Low Gap
Deep Gap
Potato Hill
JEFFERSON NF
KENTUCKY
VIRGINIA
Clover Fork Cumberland River
Divide Ridge
OLD STATE HWY 38
38
Upper Trace Br
HARLAN CO
LEE CO

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: Kentucky Coordinate System of 1983 (south zone), Virginia Coordinate System of 1983 (south zone)

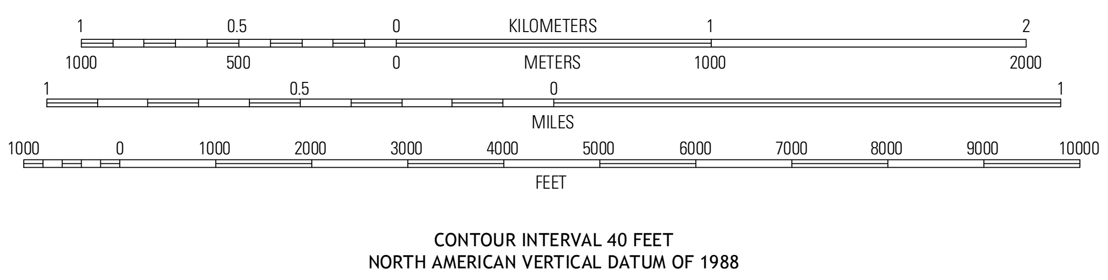
Imagery....................NAIP, June 2012 - July 2012
Roads....................©2006-2012 TomTom
Roads within US Forest Service Lands............FSTopo Data with limited Forest Service updates, 2012
Names....................GNIS, 2012
Hydrography....................National Hydrography Dataset, 2012
Contours....................National Elevation Dataset, 2002
Boundaries....................Census, IBWC, IBC, USGS, 1972 - 2012


MN
GN
6° 22´
113 MILS
1° 10´
21 MILS

UTM GRID AND 2013 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

SCALE 1:24 000


1
0.5
0
1
2
KILOMETERS
1000
500
0
1000
2000
METERS
1
0.5
0
1
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 0.6.8

QUADRANGLE LOCATION

Tilford	Roxana	Whitesburg
Louellen	Benham	Appalachia
Pennington Gap	Keokee	Big Stone Gap

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION

Expressway		Local Connector	
Secondary Hwy		Local Road	
Ramp		4WD	
Interstate Route	US Route	State Route	
FS Primary Route	FS Passenger Route	FS High Clearance Route	

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

BENHAM, KY-VA
2013