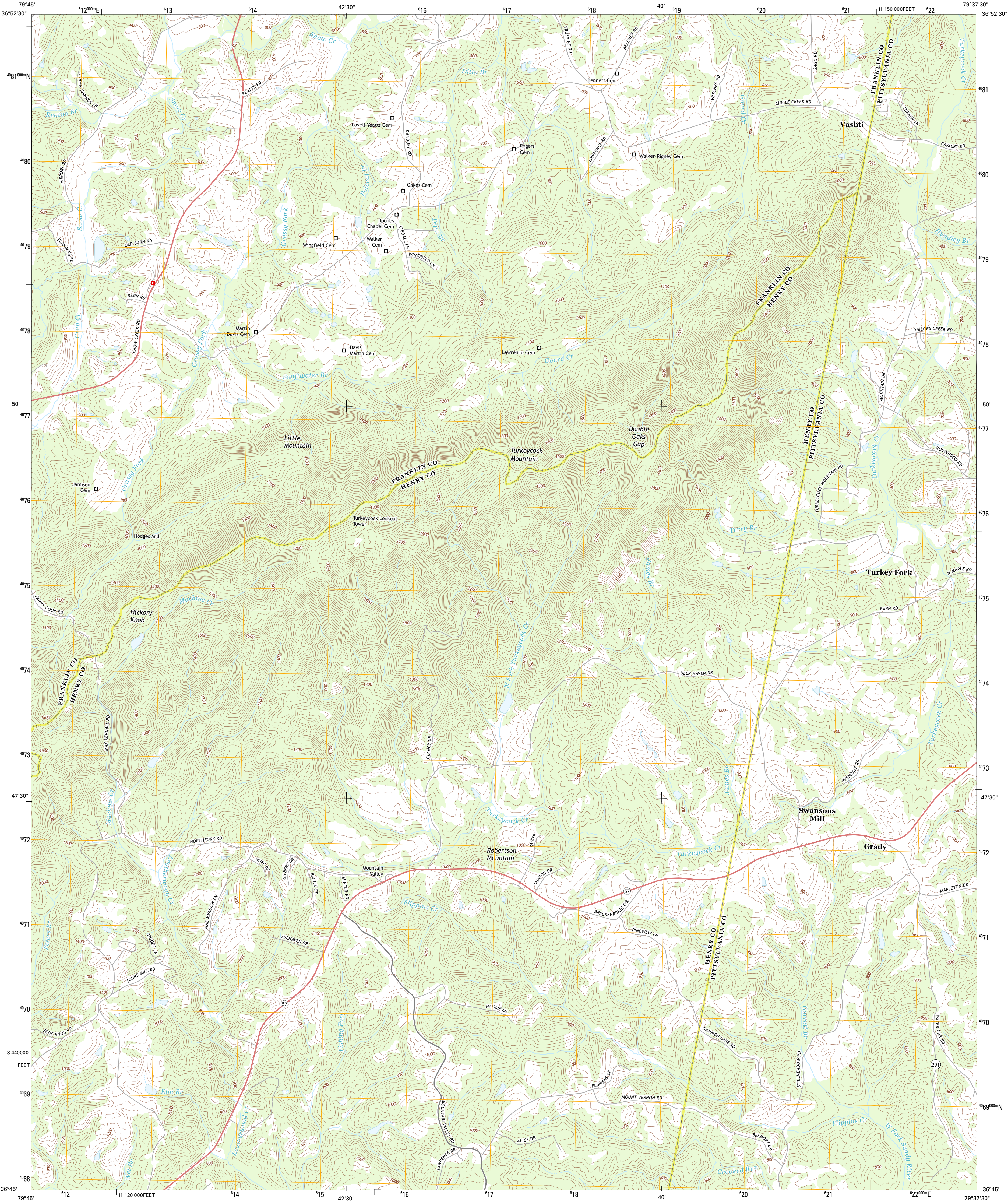




U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY



MOUNTAIN VALLEY 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, May 2012
Roads.....©2006-2012 TomTom
Names.....GNIS, 2013
Hydrography.....National Hydrography Dataset, 2012
Contours.....National Elevation Dataset, 2008
Boundaries.....Census, IBWC, BC, USGS, 1972 - 2012

UTM GRID AND 2013 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

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

SCALE 1:24 000

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

1 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
MILES
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		
Gladhill	Penhook	Sandy Level
Snow Creek	Mountain Valley	Callows
Martinsville East	Aston	Whitwell

ROAD CLASSIFICATION

Expressway
Secondary Hwy
Ramp

Local Connector
Local Road
4WD

Interstate Route
US Route
State Route

MOUNTAIN VALLEY, VA
2013