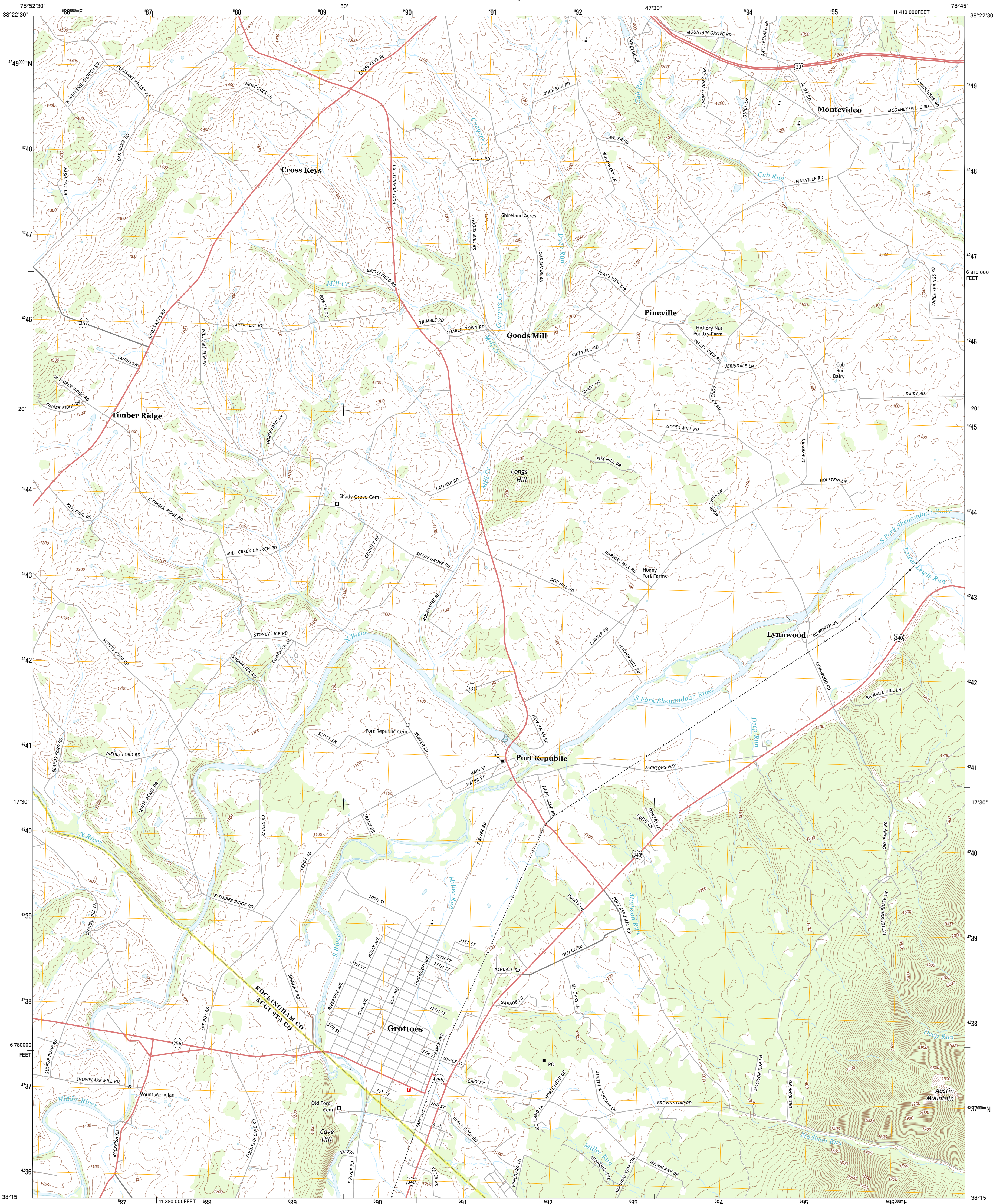




U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

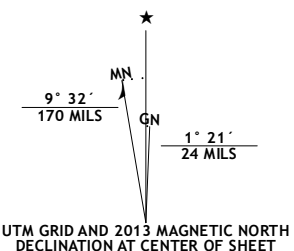


GROTTOES QUADRANGLE
VIRGINIA
7.5-MINUTE SERIES

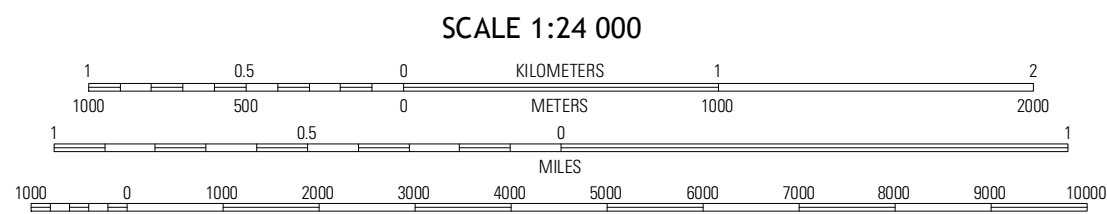


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
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World Geodetic System of 1984 (WGS84). Projection and
1:000-meter grid: Universal Transverse Mercator, Zone 17S
10 000-foot ticks: Virginia Coordinate System of 1983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

Imagery.....NAIP, May 2012
Roads.....©2006-2012, TomTom
Names.....GNIS, 2013
Hydrography.....National Hydrography Dataset, 2012
Contours.....National Elevation Dataset, 2001
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2012



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



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		
Bridgewater	Harrisonburg	Elkton West
Mount Sidney	Grottoes	McCaheyville
Fort Defiance	Crimora	Browns Cove

ADJOINING 7.5 QUADRANGLES

ROAD CLASSIFICATION	
Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

GROTTOES, VA
2013