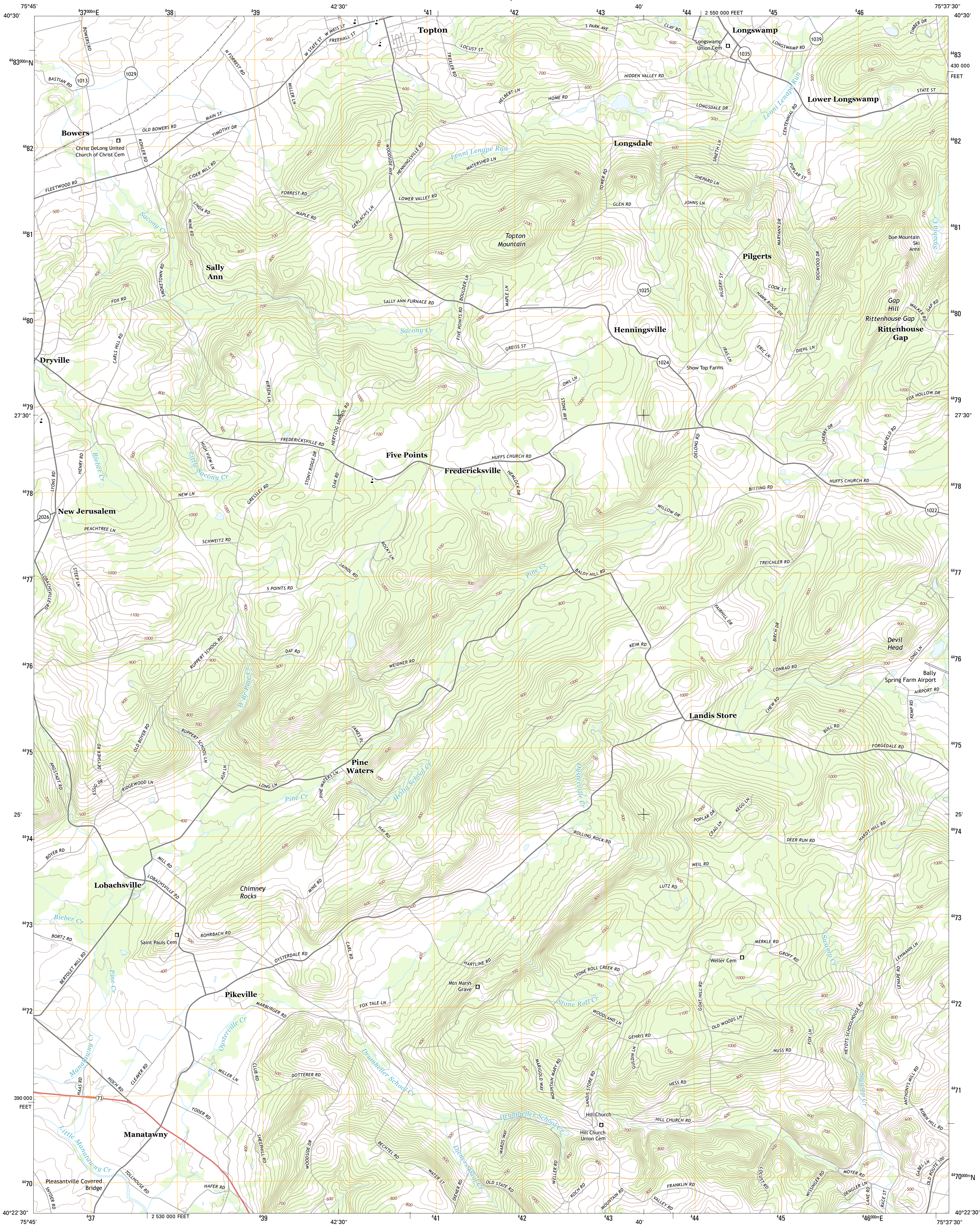




U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

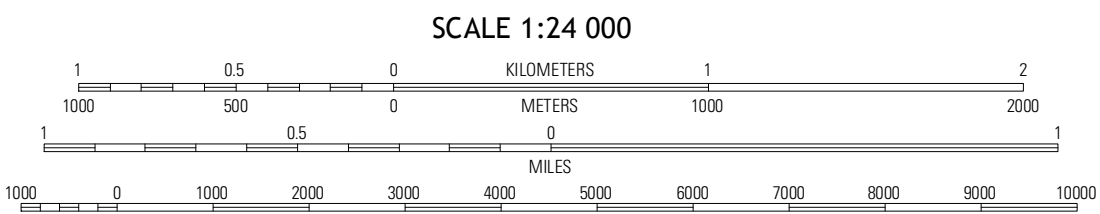
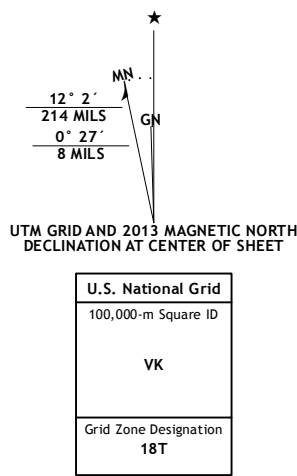


MANATAWNY QUADRANGLE
PENNSYLVANIA-BERKS CO.
7.5-MINUTE SERIES

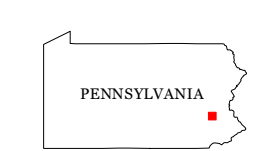


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84)
1 000-meter grid: Universal Transverse Mercator, Zone 18T
10 000-foot ticks: Pennsylvania Coordinate System of 1983 (south zone)

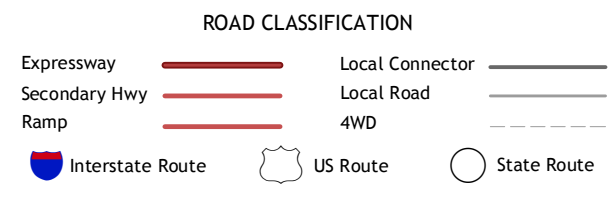
Imagery.....NAIP, July 2010
Roads.....©2006-2012 TomTom
Names.....©2006-2012 TomTom
Hydrography.....National Hydrography Dataset, 2010
Contours.....National Elevation Dataset, 2011
Boundaries.....Census, IBWC, IBG, USGS, 1972-2012



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		
Kutztown	Topton	Allentown West
Fleetwood	Manatawny	East Greenville
Birdsboro	Boyertown	Soumawville



MANATAWNY, PA
2013

ADJOINING 7.5 QUADRANGLES