



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

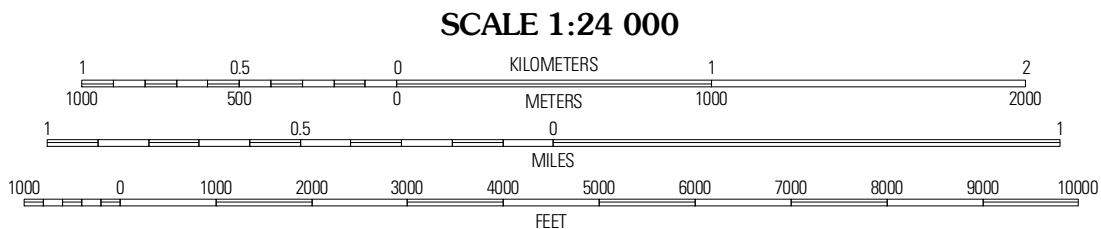
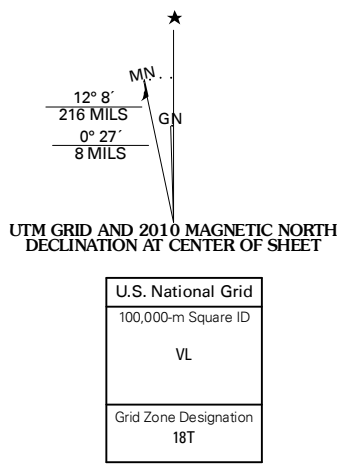


CHRISTMANS QUADRANGLE
PENNSYLVANIA
7.5-MINUTE SERIES



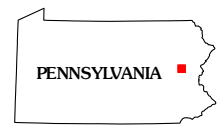
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 18T
10 000-foot ticks: Pennsylvania Coordinate System of 1983
(north zone)

Imagery.....NAIP, September 2008
Roads.....2006-2010 Tele Atlas
Names.....GNIS, 2008
Hydrography.....National Hydrography Dataset, 2008
Contours.....National Elevation Dataset, 2000



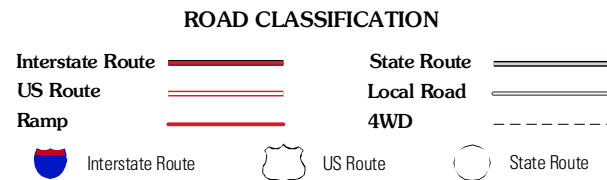
CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with version 0.5.10 of the
draft USGS Standards for 7.5-Minute Quadrangle Maps.
A metadata file associated with this product is draft version 0.5.11



QUADRANGLE LOCATION		
White Haven	Hickory Run	Blakeslee
Weatherly	Christmans	Poconoco Mountain
Nequehoning	Lehighton	Palmerton

ADJOINING 7.5' QUADRANGLES



CHRISTMANS, PA
2010