



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

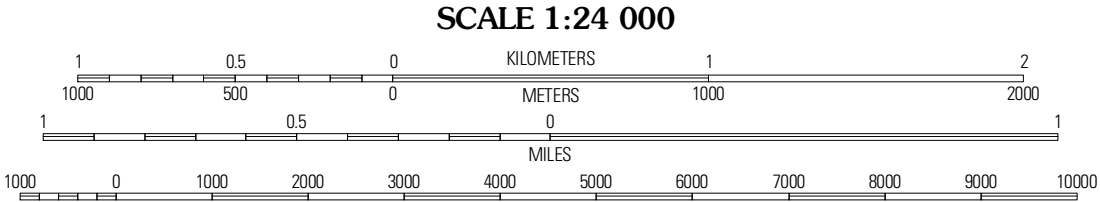
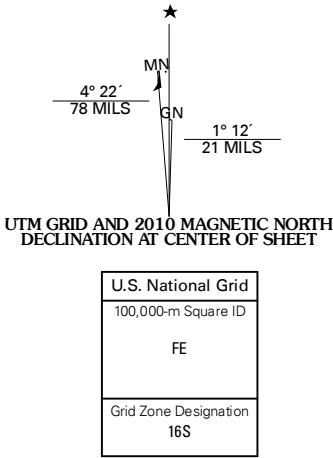


PENNINE QUADRANGLE
TENNESSEE
7.5-MINUTE SERIES



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 16S
10 000-foot ticks: Tennessee Coordinate System of 1983

Imagery.....NAIP, April 2008
Roads.....US Census Bureau TIGER data
with limited USGS updates, 2008
Names.....GNIS, 2008
Hydrography.....National Hydrography Dataset, 2008
Contours.....National Elevation Dataset, 2001



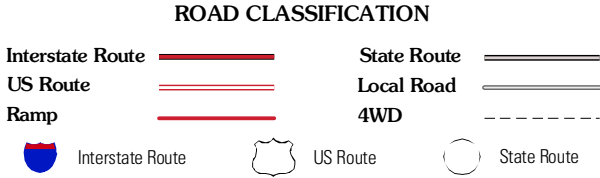
CONTOUR INTERVAL 20 FEET

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 also draft version 0.5.10



QUADRANGLE LOCATION		
Vandever	Grassy Cove	Roddy
Melvine	Pennine	Spring City
Morgan Springs	Evenville	Decatur

ADJOINING 7.5' QUADRANGLES



PENNINE, TN
2010