



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

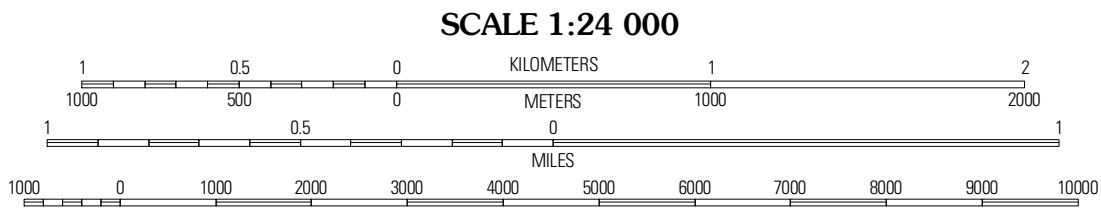
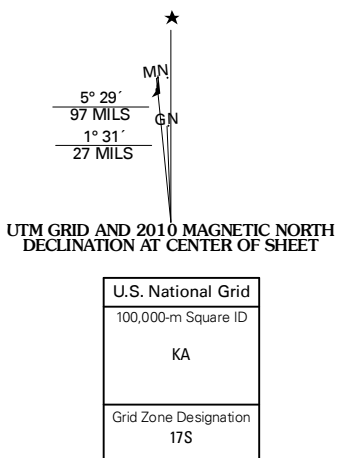


JOPPA QUADRANGLE  
TENNESSEE  
7.5-MINUTE SERIES



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 17S  
10 000-foot ticks: Tennessee Coordinate System of 1983

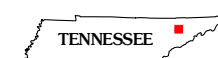
Imagery.....NAP, April 2008 - June 2008  
Roads.....US Census Bureau TIGER data  
with limited USGS updates, 2008  
Names.....GNIS, 2008  
Hydrography.....National Hydrography Dataset, 2008  
Contours.....National Elevation Dataset, 2001



SCALE 1:24 000

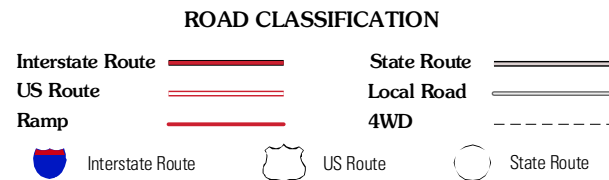
CONTOUR INTERVAL 20 FEET

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		
Proctor Springs	Dutch Valley	Avondale
Luttrell	Joppa	Talbot
Mascot	New Market	Jefferson City

ADJOINING 7.5 QUADRANGLES



JOPPA, TN  
2010