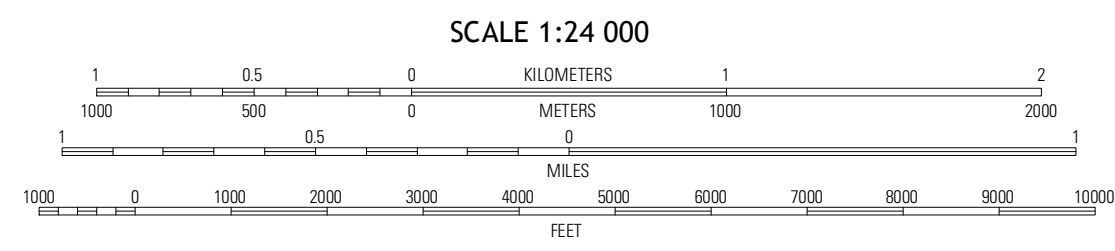
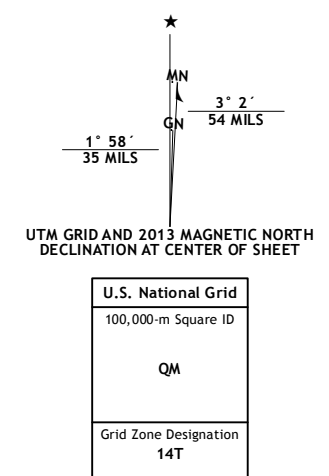


Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1:000-meter grid: Universal Transverse Mercator, Zone 14T  
10 000-foot ticks: Iowa Coordinate System of 1983 (north zone)

Imagery.....NAIP, August 2011  
Roads.....©2006-2012 TomTom  
Names.....GNS, 2012  
Hydrography.....National Hydrography Dataset, 2011  
Contours.....National Elevation Dataset, 1999  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2012

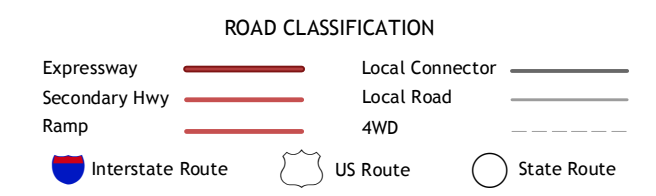


CONTOUR INTERVAL 10 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard, 2011.  
A metadata file associated with this product is draft version 0.6.11



QUADRANGLE LOCATION

Sloan	Hornick	Smithland
Onawa SW	Onawa	Castana
Tokamah NW	Blencoe	Moorhead NW



**ONAWA, IA**  
2013

ADJOINING 7.5 QUADRANGLES