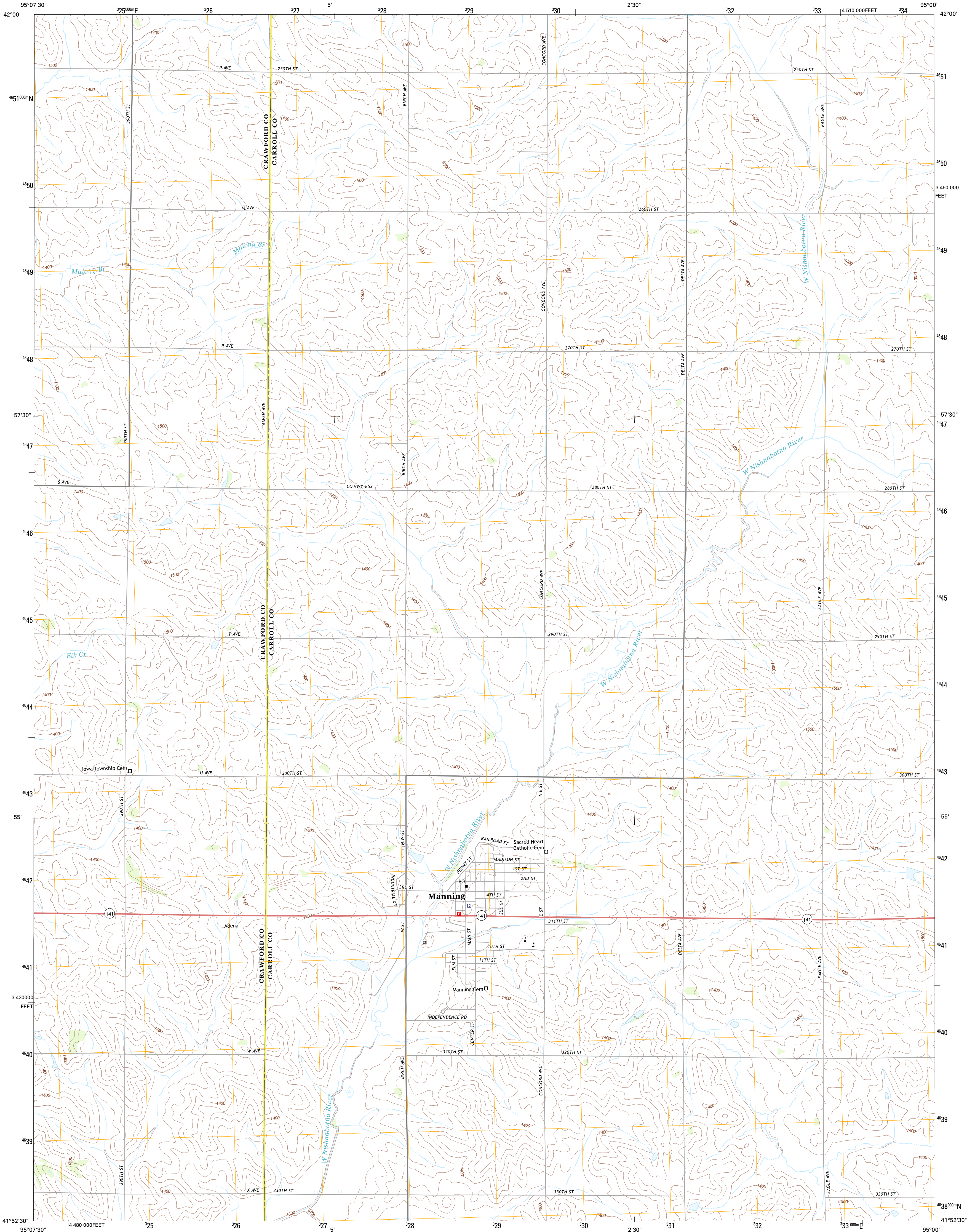




U.S. DEPARTMENT OF THE INTERIOR  
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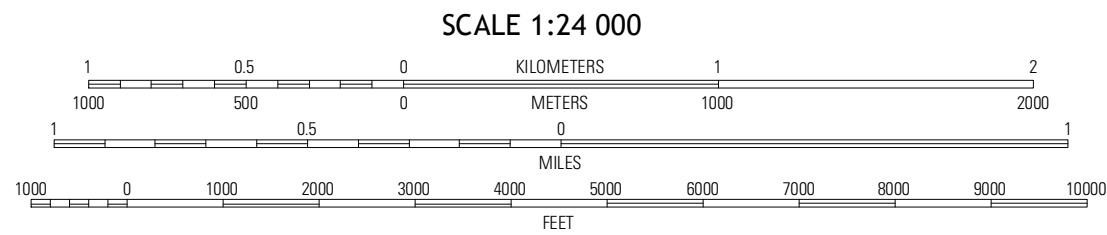
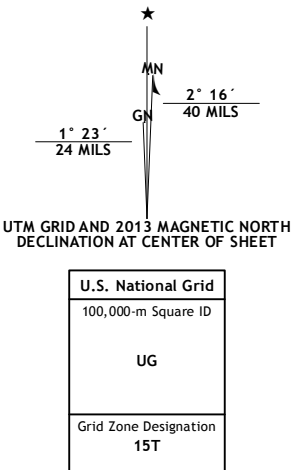


MANNING QUADRANGLE  
IOWA  
7.5-MINUTE SERIES



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 15T  
10 000-foot ticks: Iowa Coordinate System of 1983 (north zone)

Imagery.....NAIP, July 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

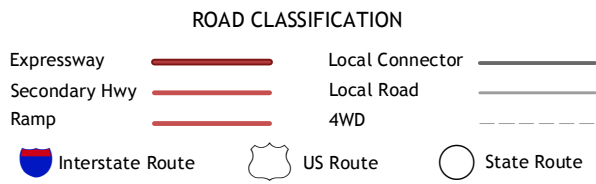


CONTOUR INTERVAL 20 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard, 2011.  
A metadata file associated with this product is draft version 0.6.11



|         |            |              |
|---------|------------|--------------|
| Vail    | Arcadia    | Carroll West |
| Manilla | Manning    | Templeton    |
| Irwin   | Manning SE | Giny         |

ADJOINING 7.5 QUADRANGLES



MANNING, IA  
2013