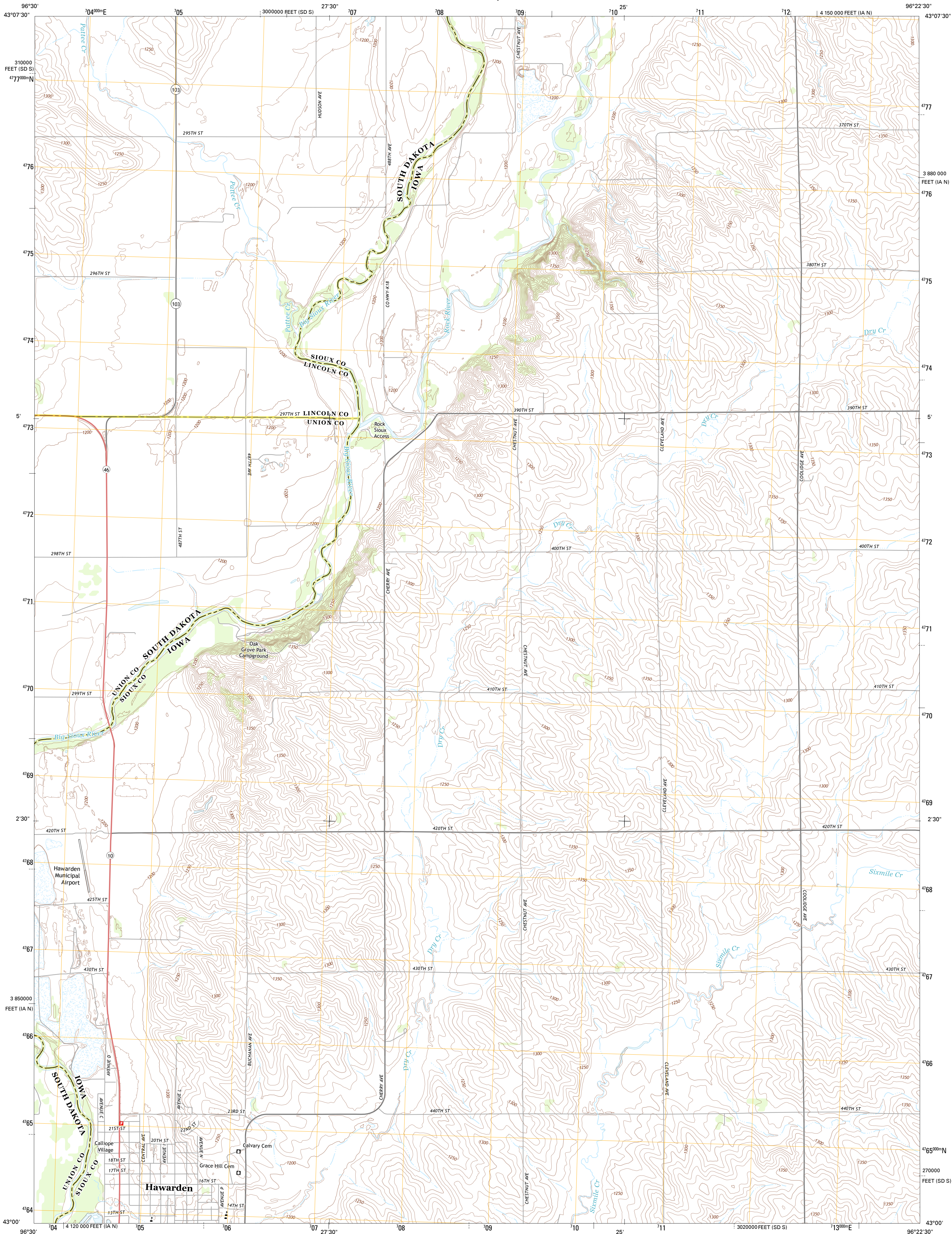




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

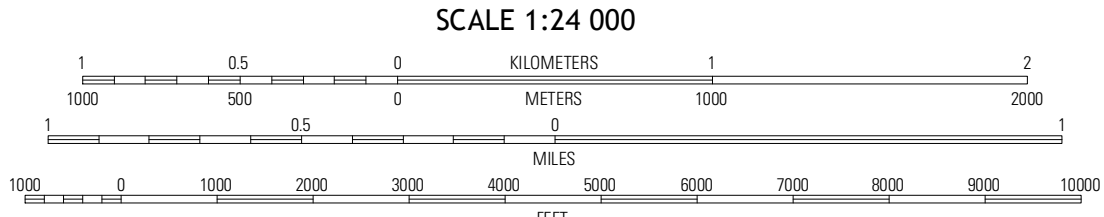
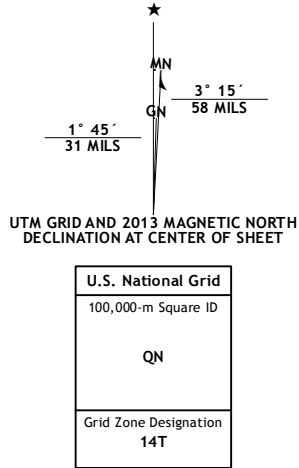


HAWARDEN NORTH QUADRANGLE  
IOWA-SOUTH DAKOTA  
7.5-MINUTE SERIES

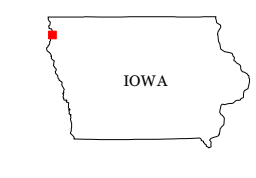


Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 14T  
10 000-foot ticks: Iowa Coordinate System of 1983 (north zone),  
South Dakota Coordinate System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

Imagery.....NAIP, August 2011  
Roads.....©2006-2012 TomTom  
Names.....GNIS, 2012  
Hydrography.....National Hydrography Dataset, 2011  
Contours.....National Elevation Dataset, 2006  
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



|                |                   |                |
|----------------|-------------------|----------------|
| Alcooter<br>NE | Fairview          | Rock<br>Valley |
| Alcooter<br>SE | Hawarden<br>North | Lebanon        |
| Chatsworth     | Hawarden<br>South | Ireton         |

| ROAD CLASSIFICATION |                 |             |
|---------------------|-----------------|-------------|
| Expressway          | Local Connector |             |
| Secondary Hwy       | Local Road      |             |
| Ramp                | 4WD             |             |
| Interstate Route    | US Route        | State Route |

HAWARDEN NORTH, IA-SD  
2013