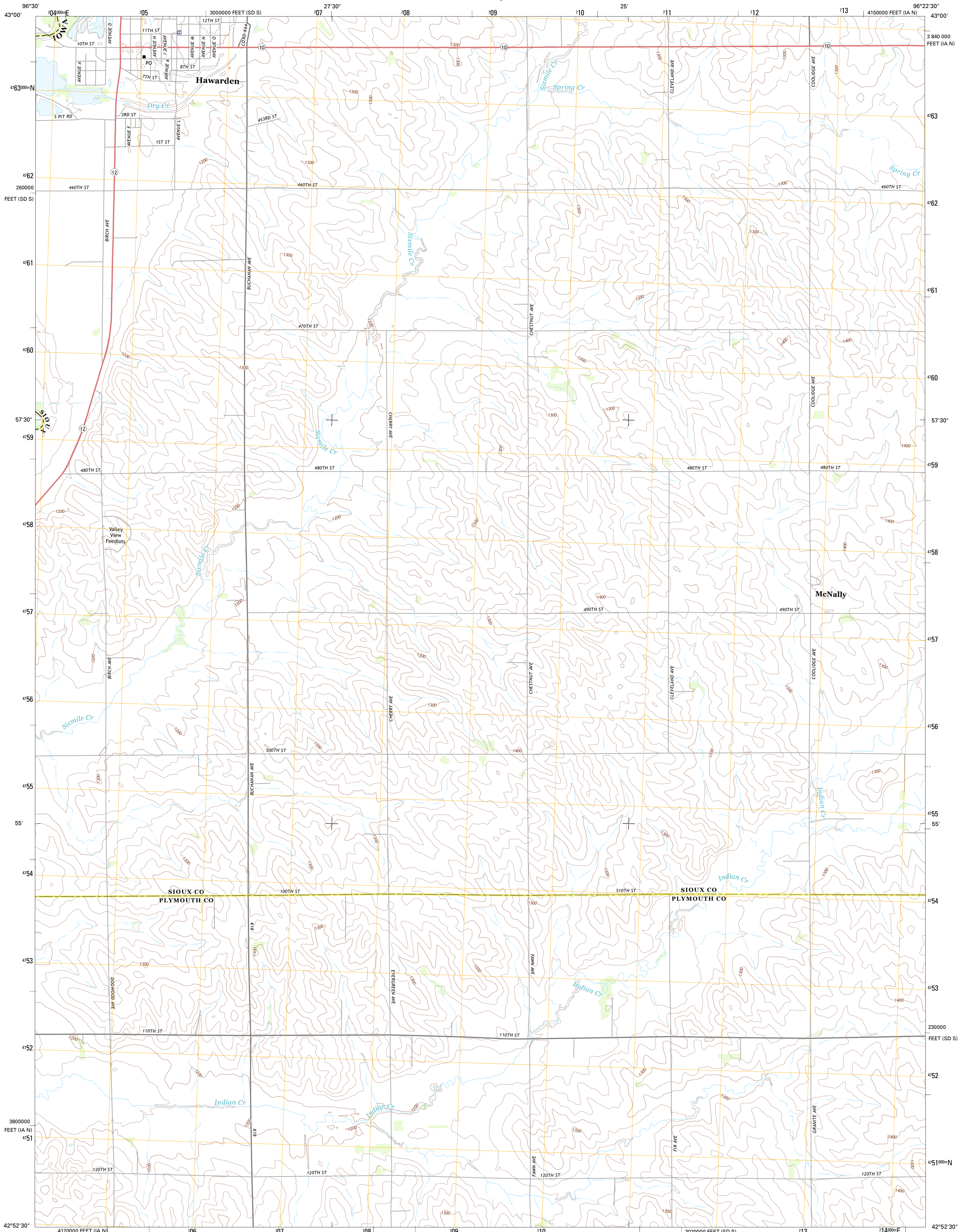




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

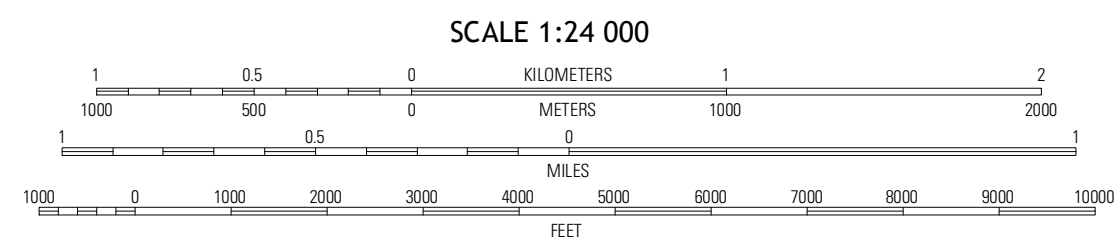
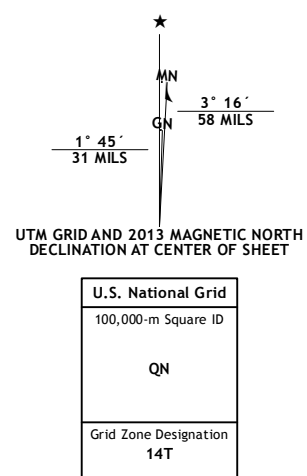


HAWARDEN SOUTH QUADRANGLE  
IOWA-SOUTH DAKOTA  
7.5-MINUTE SERIES



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.....N.A.I.P., August 2011  
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Hydrography.....National Hydrography Dataset, 2011  
Contours.....National Elevation Dataset, 2006  
Boundaries.....Census, IBW, IBC, USGS, 1972 - 2012

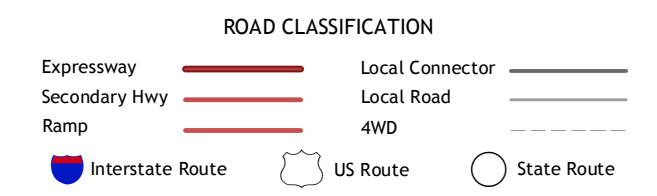


CONTOUR INTERVAL 20 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard, 2011.  
A metadata file associated with this product is draft version 0.6.11



QUADRANGLE LOCATION

Aketer SE	Hawarden North	Lebanon
Chatsworth	Hawarden South	Ireton
Akron	Ireton SW	Brunsville



HAWARDEN SOUTH, IA-SD  
2013

ADJOINING 7.5 QUADRANGLES