



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



MANNING SE QUADRANGLE
IOWA
7.5-MINUTE SERIES



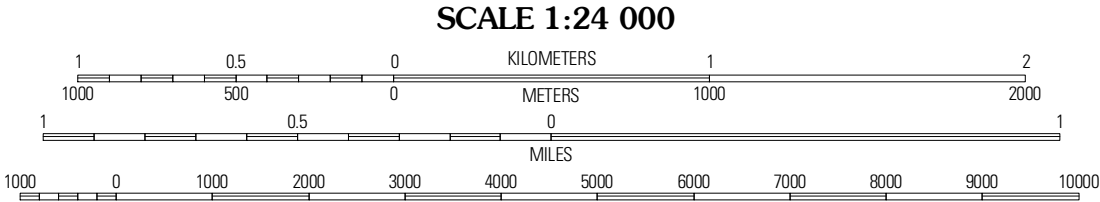
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 15T
10 000-foot ticks: Iowa Coordinate System of 1983
(south and north zones)

Imagery.....NAIP, October 2006
Roads.....US Census Bureau TIGER data
with limited USGS updates, 2005 - 2008
Names.....GNIS, 2008
Hydrography.....National Hydrography Dataset, 2006
Contours.....National Elevation Dataset, 2006

UTM GRID AND 2010 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

11° 22' 24 MILS
21° 36' 46 MILS

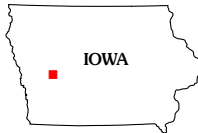
U.S. National Grid
100,000m Square ID
US
Grid Zone Designation
15T



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		
Marilla	Manning	Templeton
Irwin	Manning SE	Gray
Jacksonville	Kimballton	Auburn

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION

Interstate Route
US Route
Ramp

State Route
Local Road
4WD

MANNING SE, IA
2010