



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

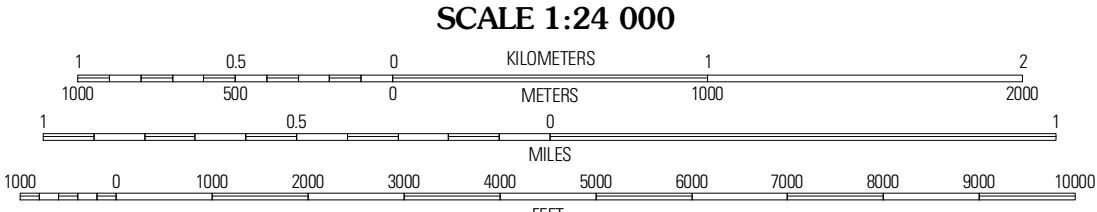
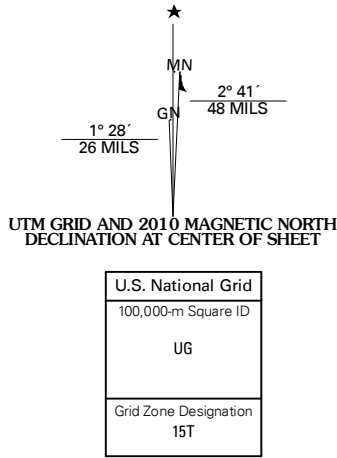


MANILLA QUADRANGLE
IOWA
7.5-MINUTE SERIES



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)

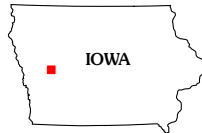
Imagery:.....NAIP, October 2006
Roads:.....US Census Bureau TIGER data
with limited USGS updates, 2005
Names:.....GNIS, 2008
Hydrography:.....National Hydrography Dataset, 2006
Contours:.....National Elevation Dataset, 2006



SCALE 1:24 000

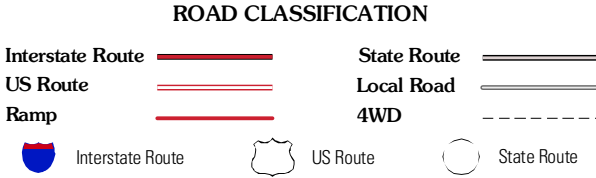
CONTOUR INTERVAL 20 FEET

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



Denison	Vail	Arcadia
Earling NE	Manilla	Manning
Defiance	Irwin	Manning SE

ADJOINING 7.5' QUADRANGLES



MANILLA, IA
2010