



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

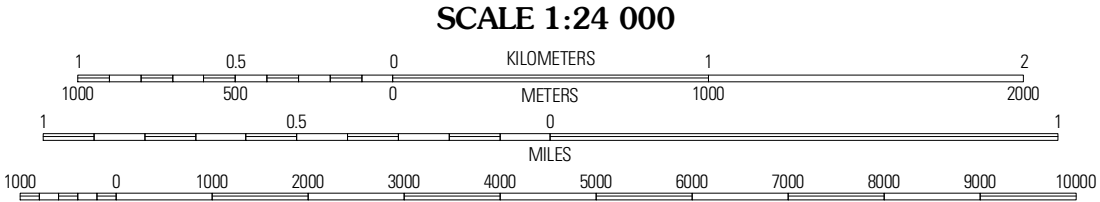
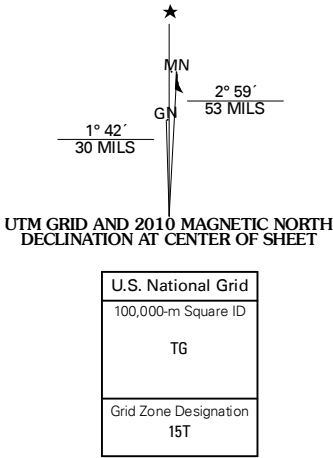


PORTSMOUTH QUADRANGLE
IOWA
7.5-MINUTE SERIES

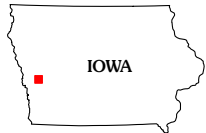


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 15T
10 000-foot ticks: Iowa Coordinate System of 1983
(south zone)

Imagery.....NAIP, July 2009
Roads.....US Census Bureau TIGER data
with limited USGS updates, 2004-2005
Names.....GNIS, 2008
Hydrography.....National Hydrography Dataset, 2009
Contours.....National Elevation Dataset, 2006

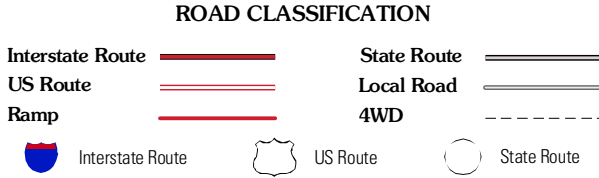


CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with version 0.5.10 of the
draft USGS Standards for 7.5-Minute Quadrangle Maps.
A metadata file associated with this product is also draft version 0.5.10



QUADRANGLE LOCATION		
Dunkap SW	Dunkap	Earling
Woodbine	Portsmouth	Panama
Hard Scratch	Persia	Shelby

ADJOINING 7.5' QUADRANGLES



PORTSMOUTH, IA
2010