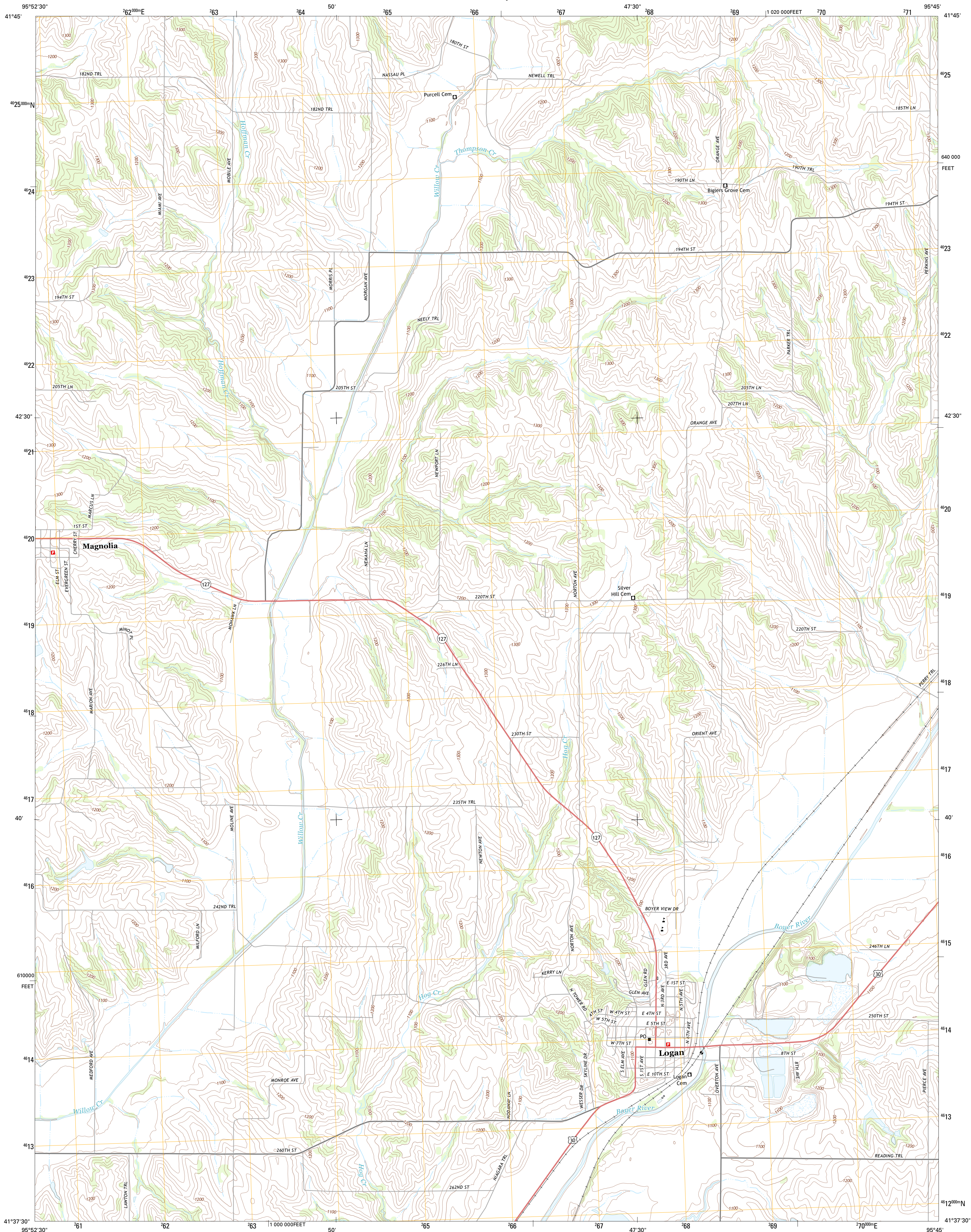




Produced by the United States Geological Survey
 North American Datum of 1983 (NAD83)
 World Geodetic System of 1984 (WG584). Projection and
 1 000-meter grid: Universal Transverse Mercator, Zone 15T
 10 000-foot ticks: Iowa Coordinate System of 1983 (south zone)

Imagery.....NAIP, July 2011 - 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

UTM GRID AND 2013 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

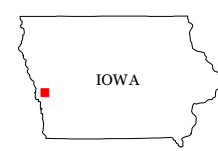
U.S. National Grid
100,000-m Square ID
1° 52' 33 MILS 51 MILS
Grid Zone Designation
15T

SCALE 1:24 000

The graphic scale bar is divided into four units: kilometers, meters, miles, and feet. The kilometers scale ranges from 0 to 2, with major ticks every 0.5 km and minor ticks every 0.1 km. The meters scale ranges from 0 to 2000, with major ticks every 1000 m and minor ticks every 200 m. The miles scale ranges from 0 to 1, with major ticks every 0.5 miles and minor ticks every 0.1 miles. The feet scale ranges from 0 to 10000, with major ticks every 1000 ft and minor ticks every 200 ft.

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

Pisgah	Moorhead SE	Dunlap SW
Missouri Valley NW	Logan	Woodbine
Missouri Valley	Beebeetown	Hard Scratch

ADJOINING 7.5' QUADRANGLE

ROAD CLASSIFICATION

Expressway		Local Connector	
Secondary Hwy		Local Road	
Ramp		4WD	

 Interstate Route  US Route  State Route

LOGAN, IA
2013