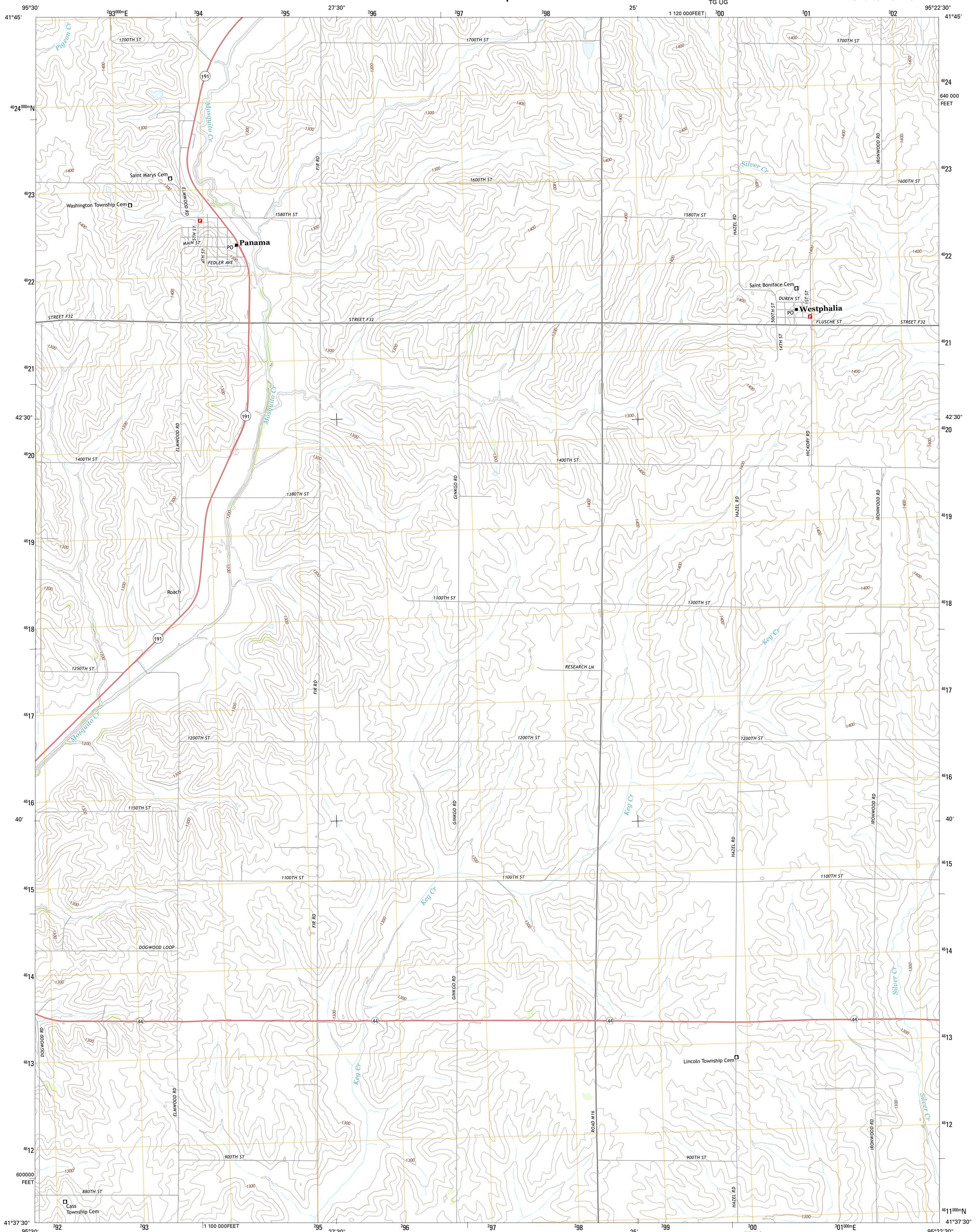




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

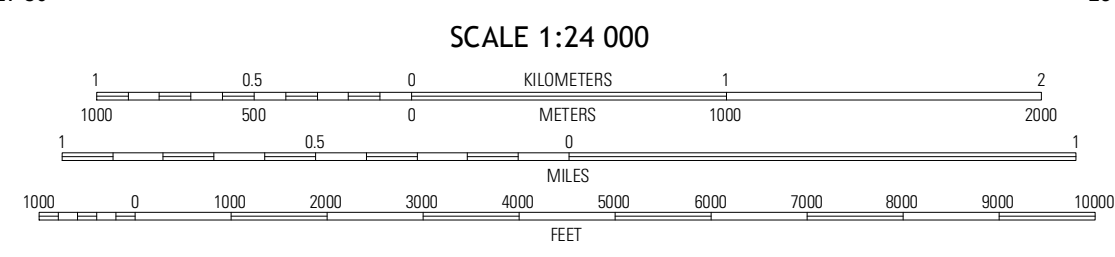
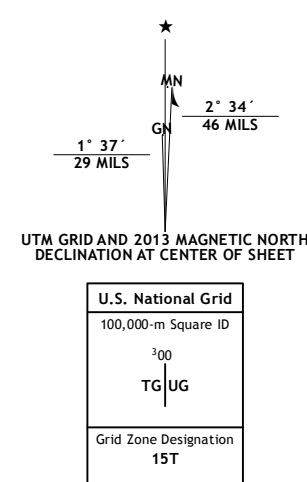


PANAMA QUADRANGLE  
IOWA-SHELBY CO.  
7.5-MINUTE SERIES

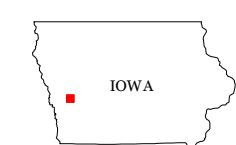


Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84), Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 15T  
10 000-foot ticks: Iowa Coordinate System of 1983 (south zone)

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Roads.....©2006-2012 TomTom  
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Contours.....National Elevation Dataset, 2006  
Boundaries.....Census, IBW, IBC, USCS, 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

DuPage	Earling	Defiance
Portsmouth	Panama	Harlan
Persia	Shelby	Corley

ADJOINING 7.5 QUADRANGLES

ROAD CLASSIFICATION	
Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

PANAMA, IA  
2013