



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 15S  
10 000-foot ticks: Missouri Coordinate System of 1983  
(central zone)

Imagery.....NAIP, July 2010  
Roads.....©2006-2011 TomTom  
Roads within US Forest Service Lands.....FS Topo Data  
with limited Forest Service updates, 2009  
Names.....©2006-2011 GNS, 2011  
Hydrography.....National Hydrography Dataset, 2010  
Contours.....National Elevation Dataset, 2005  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2010

UTM GRID AND 2012 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

U.S. National Grid  
100,000-m Square ID  
WA  
Grid Zone Designation  
15S

SCALE 1:24 000

1 000 0 500 0 500 1000 2000  
KILOMETERS  
1 000 0 500 0 500 1000 2000  
METERS  
1 000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
MILES  
FEET

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 0.6.1



QUADRANGLE LOCATION

|            |          |               |
|------------|----------|---------------|
| Smallert   | Wasola   | Rockbridge    |
| Thornfield | Willhoit | Gaineville NW |
| Theodosia  | Isabella | Gaineville    |

ROAD CLASSIFICATION

Interstate Route  
US Route  
Ramp

State Route  
Local Road  
4WD

FS Primary Route  
FS Passenger Route  
FS High Clearance Route

Check with local Forest Service unit  
for current travel conditions and restrictions.

WILLHOIT, MO  
2012

ADJOINING 7.5' QUADRANGLES