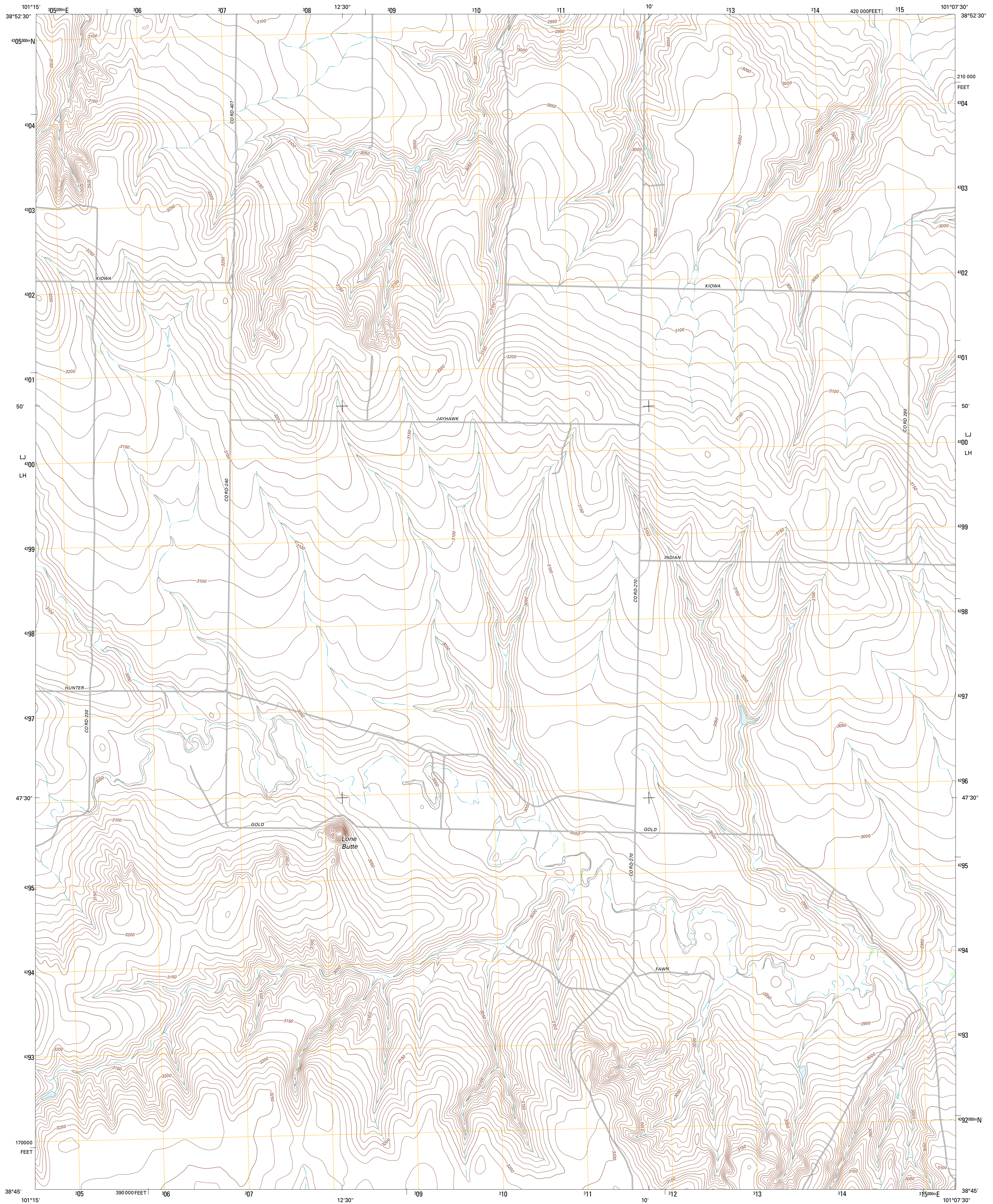




U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

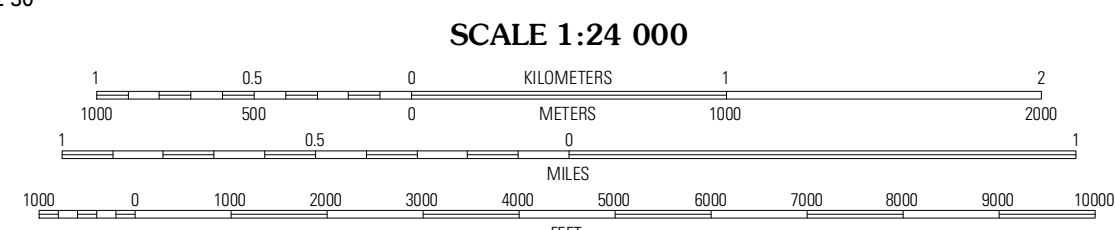
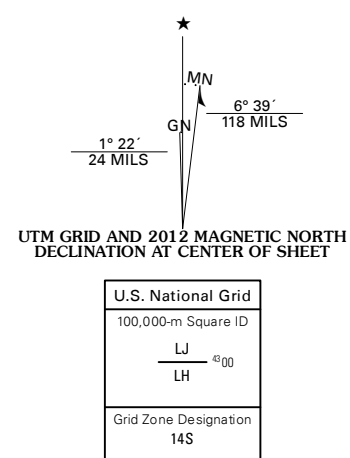


LONE BUTTE QUADRANGLE  
KANSAS-LOGAN CO.  
7.5-MINUTE SERIES



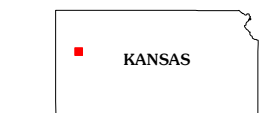
Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 14S  
10 000-foot ticks: Kansas Coordinate System of 1983 (north  
zone)

Imagery.....N.A.I.P., July 2010  
Roads.....©2006-2011 TomTom  
Names.....GNIS, 2012  
Hydrography.....National Hydrography Dataset, 2010  
Contours.....National Elevation Dataset, 2012  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2012



CONTOUR INTERVAL 10 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 0.6.4



QUADRANGLE LOCATION

West of Russell Springs	Russell Springs	Russell Springs NE
Nickel Mine Spring	Lone Butte	Russell Springs SE
Beulah Cemetery	Pence NW	Pence

**ROAD CLASSIFICATION**

Interstate Route State Route   
US Route Local Road   
Ramp 4WD

LONE BUTTE, KS  
2012

ADJOINING 7.5' QUADRANGLES