

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 13T  
10 000-foot ticks: South Dakota Coordinate System of 1983  
(north zone)

Imagery.....NAIP, July 2010 - August 2010  
Roads.....©2006-2011 TomTom  
Names.....GNIS, 2011  
Hydrography.....National Hydrography Dataset, 2010  
Contours.....National Elevation Dataset, 2008  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2010

UTM GRID AND 2012 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

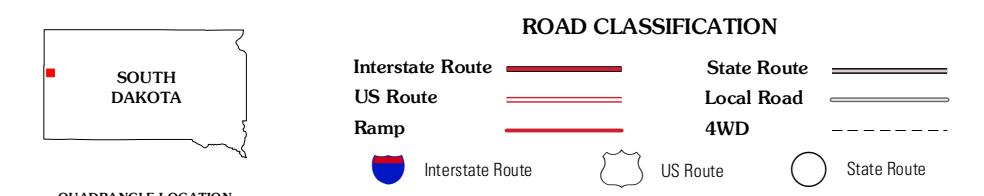
U.S. National Grid  
100 000m Square ID  
EK  
Grid Zone Designation  
13T



SCALE 1:24 000

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 0.6.3



QUADRANGLE LOCATION

Mud Buttes NW	Antelope Butte	Two Top Butte West
Bull Creek Butte	Mud Buttes	Arpan
Sourdough Flats	Belle Fourche	Fruitdale

ADJOINING 7.5 QUADRANGLES

**MUD BUTTES, SD**  
2012