



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

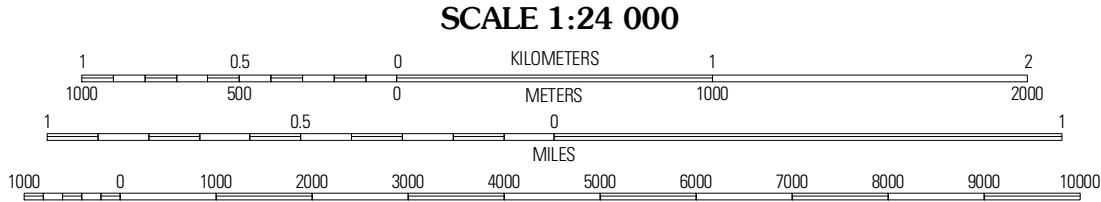
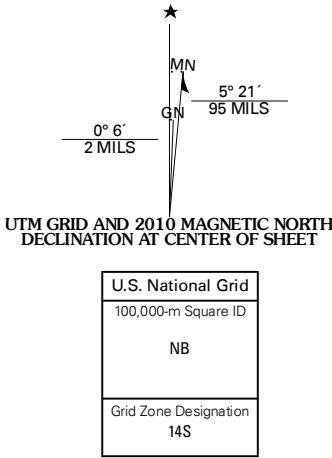


NECESSITY QUADRANGLE
TEXAS
7.5-MINUTE SERIES



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: Texas Coordinate System of 1983
(north central zone)

Imagery.....NAIP, July 2008
Roads.....US Census Bureau TIGER data
with limited USGS updates, 2008
Names.....GNIS, 2008
Hydrography.....National Hydrography Dataset, 1995
Contours.....National Elevation Dataset, 2005



SCALE 1:24 000

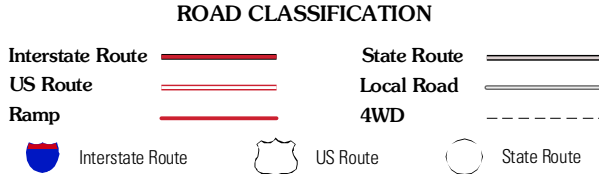
CONTOUR INTERVAL 10 FEET

This map was produced to conform with version 0.5.10 of the
draft USGS Standards for 7.5-Minute Quadrangle Maps.
A metadata file associated with this product is also draft version 0.5.10



QUADRANGLE LOCATION		
Breckenridge	Grand Lake	Ivan South
Back Mountain	Necessity	Caddo
Harpersville	Wayland	La Casa

ADJOINING 7.5' QUADRANGLES
TX 3298-324



NECESSITY, TX
2010