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

The National Map
US Topo

NECESSITY QUADRANGLE
TEXAS-STEPHENS CO.
7.5-MINUTE SERIES

98°52'30" 50' 47'30" 98°45'
32°45' 42'30" 40' 32°37'30"
1 890 000 FEET 6 950 000 FEET 6 920 000 FEET 1 860 000 FEET

Hilson Br
Cedar Cr
Little Cedar Cr
Gunsolus Cr
E Fork Gunsolus Cr
Lake Daniel
Lake Necessity
J-M Frambo Lake
Beaver Mtn
Steal Easy Mtn
Goat Island
Cemetery Point
Saints Rest Cem
Caselman Ranch Airport

CO RD 182
CO RD 325
CO RD 326
CO RD 335
CO RD 324
CO RD 328
CO RD 141
CO RD 102
CO RD 142
CO RD 143
CO RD 145
CO RD 147
CO RD 148
FM 207
FM 2231
FM 576
FM 1852
RANCH RD 576
ROSENQUEST RD
PR RD BEHIND LOCKED GATE

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)

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery.....NAIP, July 2014
Roads..... U.S. Census Bureau, 2014 - 2015
Names.....GNIS, 2015
Hydrography.....National Hydrography Dataset, 2014
Contours.....National Elevation Dataset, 2005
Boundaries.....Multiple sources; see metadata file 1972 - 2015

Wetlands.....FWS National Wetlands Inventory 1977 - 2014

MN 4° 41′ 83 MILS
GN 0° 6′ 2 MILS
UTM GRID AND 2016 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
NB
Grid Zone Designation
14S

SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2
1000 500 0 METERS 1000 2000
1 0.5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

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 0.6.19

TEXAS
QUADRANGLE LOCATION

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

1	2	3
4		5
6	7	8

ADJOINING QUADRANGLES
1 Breckenridge
2 Grand Lake
3 Ivan South
4 Buck Mountain
5 Caddo
6 Harpersville
7 Wayland
8 La Casa

NECESSITY, TX
2016

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