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

USGS science for a changing world

The National Map US Topo

DUGOUT MOUNTAIN QUADRANGLE
TEXAS-BREWSTER CO.
7.5-MINUTE SERIES

103°30' | 6450000mE | 6446 | 6447 | 6448 | 27'30" | 6449 | 6450 | 6451 | 6452 | 25' | 6453 | 6454 | 580 000 FEET | 6455 | 6456 | 103°22'30"

30°15' | 3347000mN | 3346 | 3345 | 3344 | 3343 | 12'30" | 3342 | 3341 | 3340 | 3339 | 10' | 3338 | 3337 | 3336 | 13 990 000 FEET | 3335 | 3334 | 30°07'30"

Lenox
Payne Draw
Old Payne Ranch
Del Norte Mountains
Chalk Valley Spring
Red Windmill
Billy Trap Windmill
Dugout Mtn
Cedar Windmill
Dugout Gap
Emilio Spring
Double Windmill
Park Peak
Marcuillas Cr
Dugout Cr
14 020 000 FEET
550 000 FEET

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 13R
10 000-foot ticks: Texas Coordinate System of 1983 (south central zone)

Imagery.....NAIP, August 2010
Roads.....©2006-2012 TomTom
Names.....GNIS, 2012
Hydrography.....National Hydrography Dataset, 2010
Contours.....National Elevation Dataset, 2006
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2012

MN 7° 20' 130 MILS
GN 0° 47' 14 MILS
UTM GRID AND 2012 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
FP
Grid Zone Designation
13R

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 40 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 0.6.7

TEXAS
QUADRANGLE LOCATION

Bird Mountain	Altuda	Gilliland Peak
Mount Ord	Dugout Mountain	Beckwith Hills
Elephant Mountain	Rock House Gap	Simpson Springs Mountain

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION
Interstate Route
US Route
Ramp
State Route
Local Road
4WD
Interstate Route | US Route | State Route

DUGOUT MOUNTAIN, TX
2012