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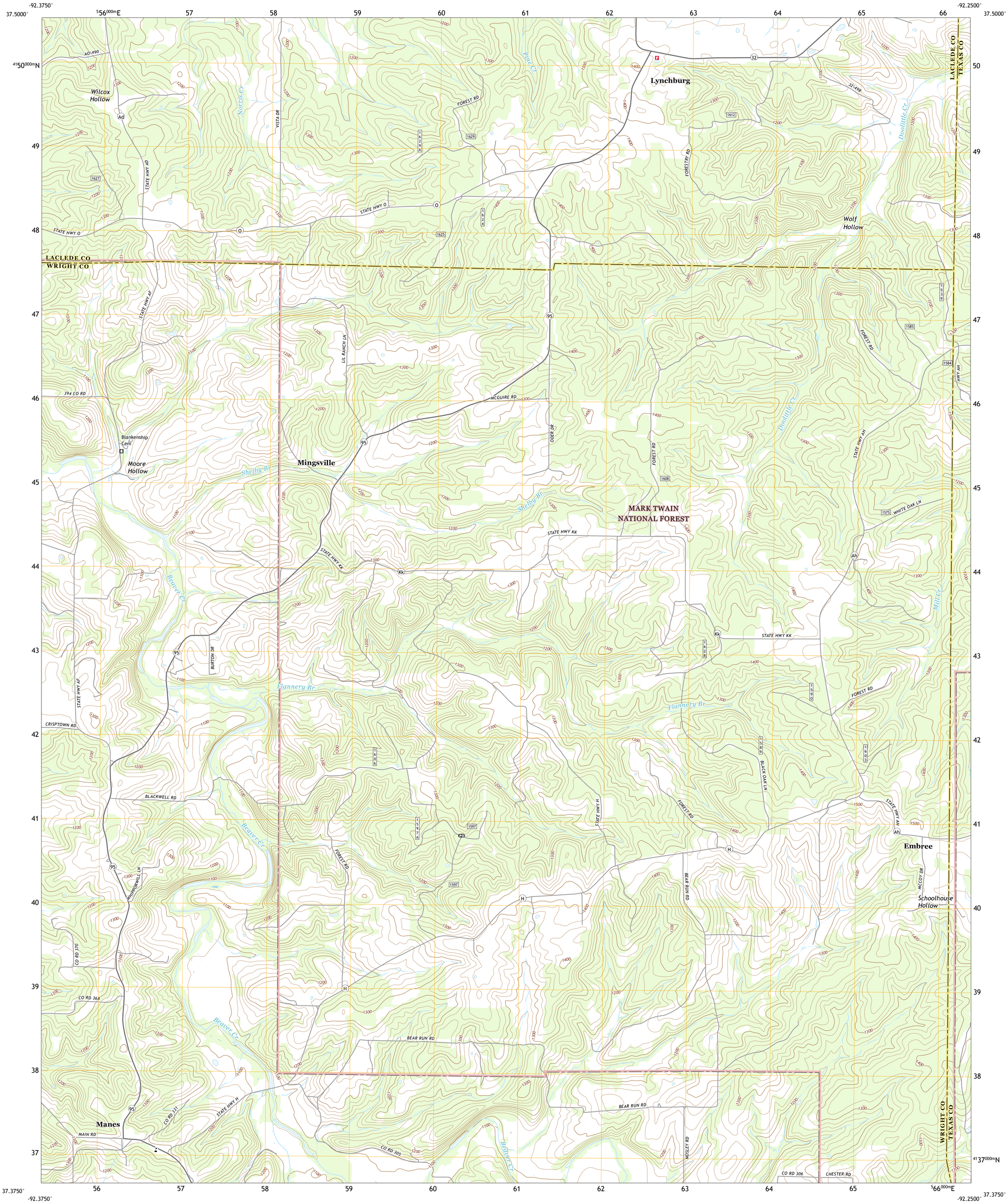
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map
US Topo

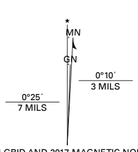
MANES QUADRANGLE
MISSOURI
7.5-MINUTE SERIES



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 15S

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,	June 2016 - October 2016
Roads	U.S. Census Bureau,	2016
Roads within US Forest Service Lands	FSTopo Data with limited Forest Service updates,	2017
Names	GNIS,	1980 - 2016
Hydrography	National Hydrography Dataset,	2002 - 2011
Contours	National Elevation Dataset,	2005
Boundaries	Multiple sources; see metadata file	2017
Public Land Survey System	BLM,	2017
Wetlands	FWS National Wetlands Inventory	1983 - 1986



UTM GRID AND 2017 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
WB
Grid Zone Designation
15S

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 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 0.6.18

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Drew
2 Winnipeg
3 Roby
4 Competition
5 Roubidoux
6 Fuson
7 Dawson
8 Huggins

ADJOINING QUADRANGLES

ROAD CLASSIFICATION

Expressway
Secondary Hwy
Ramp
Local Connector
Local Road
4WD
Interstate Route
US Route
State Route
FS Primary Route
FS Passenger Route
FS High Clearance Route

Check with local Forest Service unit for current travel conditions and restrictions.

MANES, MO
2017

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