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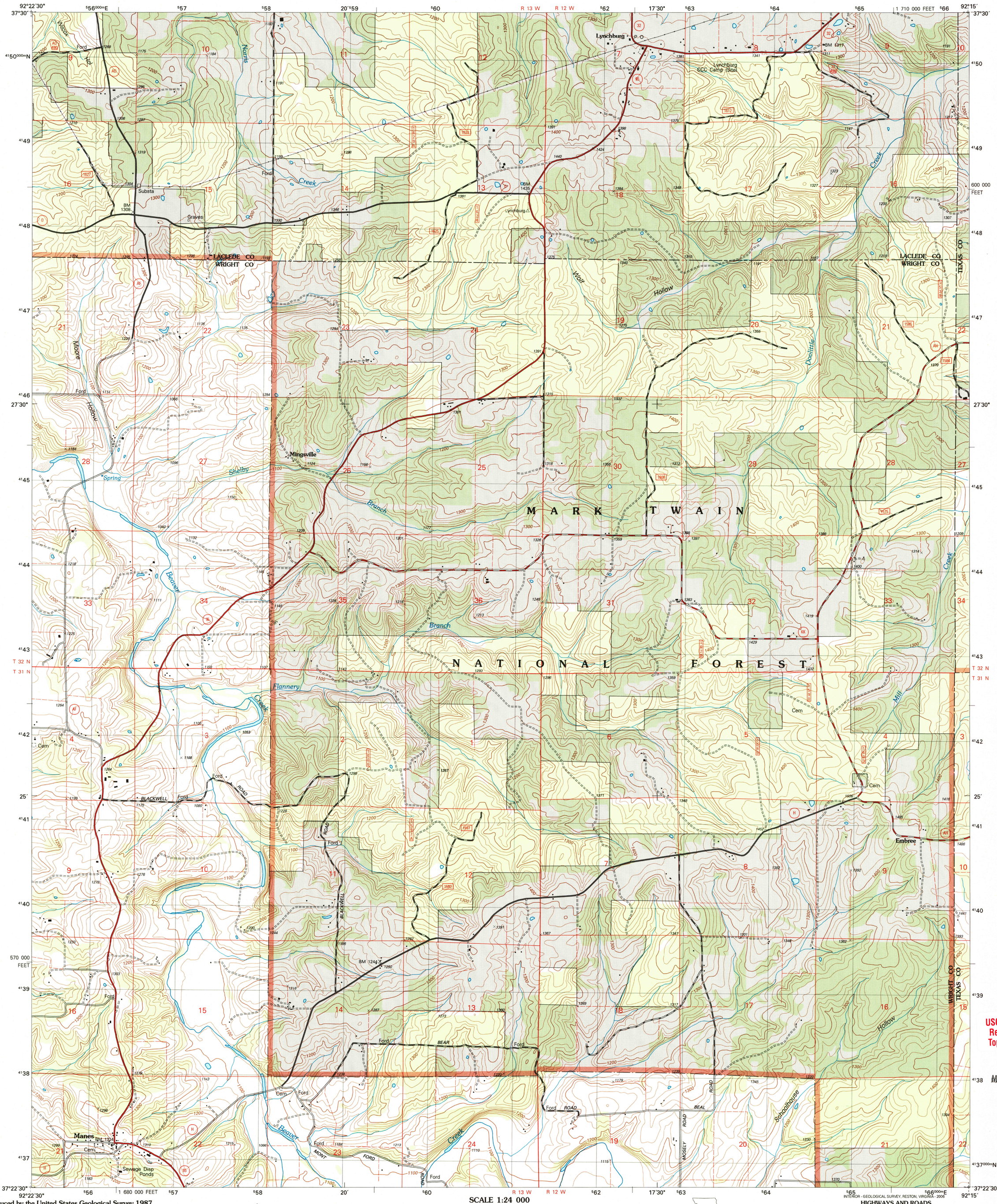
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

MANES QUADRANGLE
MISSOURI
7.5-MINUTE SERIES (TOPOGRAPHIC)



Produced by the United States Geological Survey 1987
Revision by USDA Forest Service 2004

Topography compiled 1983. Planimetry derived from imagery taken 1998 and other sources. Public Land Survey System and survey control current as of 2005. Boundaries current as of 2005

North American Datum of 1983 (NAD 83). Projection and 1 000-meter grid: Universal Transverse Mercator, zone 15
10 000-foot ticks: Missouri Coordinate System (central zone)

North American Datum of 1927 (NAD 27) is shown by dashed corner ticks
The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software

Non-National Forest System lands within the National Forest Inholdings may exist in other National or State reservations

This map is not a legal document. Public lands are subject to change and leasing, and may have access restrictions; check with appropriate offices
Obtain permission before entering private lands

GN
MN
0°25'
7 MILS
1½°
27 MILS
UTM GRID AND 2006 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

20% TOTAL RECOVERED FIBER

SCALE 1:24 000

1 .5 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET
1 .5 0 1 KILOMETERS 2
1000 0 1000 2000 METERS

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
AND DIVISION OF GEOLOGY AND LAND SURVEY, MISSOURI DEPARTMENT OF NATURAL RESOURCES, ROLLA, MISSOURI 65401
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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 7.5' QUADRANGLES

HIGHWAYS AND ROADS

Interstate
U.S.
State
County
National Forest, suitable for passenger cars
National Forest, suitable for high clearance vehicles
National Forest Trail

Primary highway
Secondary highway
Light-duty road
Composition: Unspecified
Paved
Gravel
Dirt
Unimproved; 4 wheel drive
Trail
Gate; Barrier

MANES, MO
2004
37092-D3-TF-024
NGA 7558 IV NE-SERIES V879

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