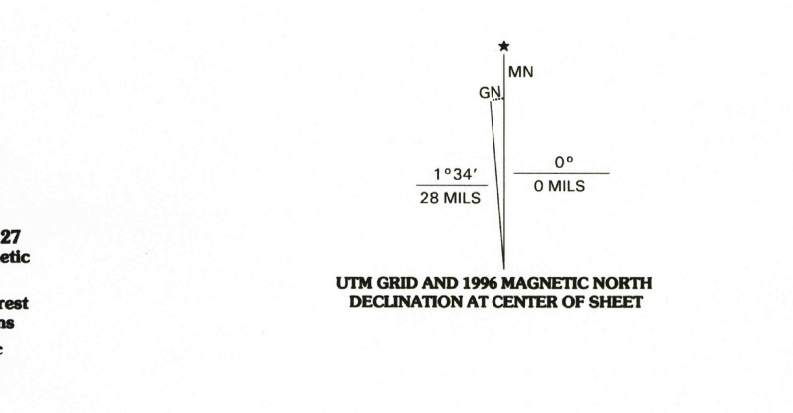




Produced by the U.S. Geological Survey  
Compiled from imagery dated 1946. Revised from imagery dated 1958. PLS and survey control current as of 1947. Contours and elevations current as of 1946. Partial field check by U.S. Forest Service 1994. Map edited 1996.  
North American Datum of 1983 (NAD 83). Projection and blue 1000-meter ticks: Universal Transverse Mercator, zone 16 10 000-foot ticks: Missouri (east zone) and Illinois (west zone) Coordinate Systems of 1983.  
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 land line or ownership document. Public lands are subject to change and leasing, and may have access restrictions; check with local offices. Obtain permission before entering private lands.



SCALE 1:24 000  
CONTOUR INTERVAL 20 FEET  
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
TO CONVERT FEET TO METERS MULTIPLY BY 0.3048  
THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND DIVISION OF GEOLOGY AND LAND SURVEY  
MISSOURI DEPARTMENT OF NATURAL RESOURCES, ROLLA, MISSOURI 65401  
AND ILLINOIS GEOLOGICAL SURVEY, CHAMPAIGN, ILLINOIS 61820  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION			ADJOINING 7.5' QUADRANGLES	
1	2	3	1 Rockwood	
4	5	6	2 Riddle	
7	8	9	3 Orville	
			4 Crosswain	
			5 Gorham	
			6 Oak Ridge	
			7 Hedge Landing	
			8 Wolf Lake	

HIGHWAYS AND ROADS	
Interstate.....	Primary highway.....
U.S. ....	Secondary highway.....
State.....	Light-duty road.....
County.....	Paved.....
National Forest, suitable for passenger cars.....	Gravel.....
National Forest, suitable for high clearance vehicles.....	Dirt.....
National Forest Trail.....	Composition unspecified.....
	Unimproved; 4 wheel drive.....
	Trail.....
	Gate.....

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