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

1849-1999

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

WINONA QUADRANGLE
MISSOURI-SHANNON CO.
7.5-MINUTE SERIES (TOPOGRAPHIC)

RECEIVED
FEB 20 2000
USGS-NMD
HISTORICAL MAP ARCHIVES

ISBN 0-607-93295-3
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Produced by the United States Geological Survey 1985
Revision within and adjacent to National Forest System lands by USDA Forest Service 1997

Topography compiled 1964. Planimetry derived from imagery taken 1995 and other sources. Public Land Survey System and survey control current as of 1997

North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks: Missouri coordinate system, east zone (transverse Mercator)
Blue 1000-meter Universal Transverse Mercator ticks, zone 15

North American Datum of 1983 (NAD 83) is shown by dashed corner ticks
The values of the shift between NAD 27 and NAD 83 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

MN
GN
1°01'
18 MILS
1½°
27 MILS

UTM GRID AND 1999 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

20%
TOTAL RECOVERED FIBER

SCALE 1:24 000

1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 0 1 2 KILOMETERS
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

MISSOURI
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Alley Springs
2 Eminence
3 Powder Mill Ferry
4 Bartlett
5 Stegall Mountain
6 Birch Tree
7 Low Wassie
8 Fremont

ADJOINING 7.5' QUADRANGLES

HIGHWAYS AND ROADS

Interstate 5
U. S. 101
State 79
County 6
National Forest, suitable for passenger cars 105 61
National Forest, suitable for high clearance vehicles 105
National Forest Trail 384

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

WINONA, MO
1997
NIMA 7758 III SE - SERIES V879

INTERIOR-GEOLOGICAL SURVEY, RESTON VIRGINIA-1999