



Produced by the United States Geological Survey
Derived from imagery taken 1988 and other sources. Photoinspected using imagery taken 1998; no major culture or drainage changes observed. PLSS and survey control current as of 1993. Boundaries, other than corporate, revised 1999.
North American Datum of 1927 (NAD 27). Projection and 1000-meter grid: Universal Transverse Mercator, zone 15. 10 000-foot ticks: Missouri coordinate system, east zone and Illinois coordinate system, west zone.
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.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

UTM DEVIATION AND 1999 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
1" = 48' 31 MILLS
1" = 48' 9 MILLS
20% TOTAL RECOVERED FIBER

SCALE 1:24 000
CONTOUR INTERVAL 10 FEET
SUPPLEMENTARY CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048
THIS MAP COMPLES 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
AND ILLINOIS GEOLOGICAL SURVEY, CHAMPAIGN, ILLINOIS 61820
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION
MISSOURI
ADJOINING 7.5' QUADRANGLE NAMES

ROAD CLASSIFICATION
Primary highway
hard surface
Secondary highway
hard surface
Interstate Route
U.S. Route
State Route
Light-duty road, hard or
improved surface
Unimproved road

1	2	3
4	5	6
7	8	9

COLUMBIA BOTTOM, MO-IL
1998
NIMA 79611 SW-SERIES V879

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