



Produced by the U.S. Geological Survey  
in cooperation with the U.S. Corps of Engineers  
Compiled by photogrammetric methods from imagery dated 1964-65  
Topography partly by plane-table surveys 1967. Revised from  
imagery dated 1993. PLSS and survey control current as of  
1967. Map edited 1995. Contours not revised  
Hydrography compiled from information furnished by  
Illinois Department of Conservation  
North American Datum of 1983 (NAD 83). Projection and  
blue 1000-foot ticks: Universal Transverse Mercator, zone 16  
10 000-foot ticks: Illinois (west zone) and Missouri (east 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

USGS NHD HISTORICAL  
MAP ARCHIVES  
JAN 1996  
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SCALE 1:24 000  
CONTOUR INTERVAL 5 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
TO CONVERT FEET TO METERS MULTIPLY BY 0.3048  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND ILLINOIS GEOLOGICAL SURVEY, CHAMPAIGN, ILLINOIS 61820  
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	1 Thebes
			2 Tamm
			3 Palmdale
4		5	4 Thebes SW
			5 Cairo
			6 Bertrand
			7 Charleston
6	7	8	8 Wyant

ADJOINING 7.5' QUADRANGLES

- 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.....  
Paved.....  
Gravel.....  
Dirt.....  
Composition unspecified.....  
Unimproved; 4 wheel drive.....  
Trail.....  
Gate.....

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1993  
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