



Produced by the U.S. Geological Survey  
Revised by the U.S. Forest Service  
Topography compiled 1963. Plantimetry derived from imagery taken 1993  
Public Land Survey System and survey control current as of 1996. Partial  
field check by U.S. Forest Service 1996  
North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks:  
Illinois coordinate system, east zone (Transverse Mercator)  
Blue 1000-meter Universal Transverse Mercator ticks, zone 16  
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 Geographic Society 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

UTM GRID AND 1997 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000  
CONTOUR INTERVAL 10 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, P.O. BOX 25286, DENVER, COLORADO 80225  
AND ILLINOIS GEOLOGICAL SURVEY, CHAMPAIGN, ILLINOIS 61820  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

1	2	3	1 De Soto
			2 Herrin
			3 Johnston City
4	5		4 Carbondale
			5 Marion
			6 Makanda
			7 Lick Creek
6	7	8	8 Goreville



ADJOINING 7.5' QUADRANGLES

Interstate	1	Primary highway	1
U. S.	2	Secondary highway	2
State	3	Light-duty road	3
County	4	Composition: Unspecified	4
National Forest, suitable for passenger cars	5	Paved	5
National Forest, suitable for high clearance vehicles	6	Gravel	6
National Forest Trail	7	Dirt	7
		Unimproved; 4 wheel drive	8
		Trail	9
		Gate; Barrier	10

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1996  
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