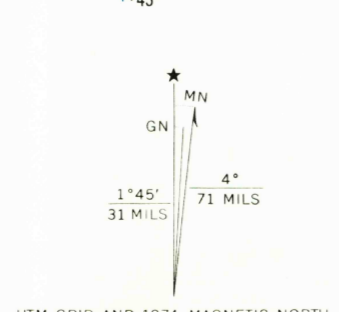


Mapped by the Geological Survey  
Revised by the Army Map Service  
Published for civil use by the Geological Survey  
Control by USGS, USC&GS, and Mississippi River Commission  
Culture and drainage in part compiled from aerial photographs taken 1946. Topography from planetable surveys by the Geological Survey 1949. Planimetric detail revised from aerial photographs taken 1952. Field check 1955  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Illinois coordinate system, west zone  
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue  
Revisions shown in purple compiled by the Geological Survey from aerial photographs taken 1968 and 1974. This information not field checked



CONTOUR INTERVAL 10 FEET  
DOTTED LINES REPRESENT 5-FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt
U. S. Route	State Route

USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION

COLUMBIA, ILL.  
NW 1/4 WATERLOO 15' QUADRANGLE  
N3822.5-W9007.5/7.5

1955  
PHOTOREVISED 1968 AND 1974  
AMS 2960 I NW-SERIES V863

NOV 19 1975