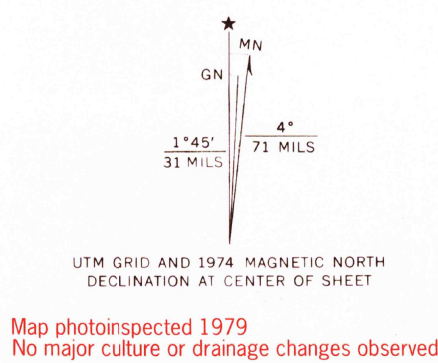


Mapped by the Geological Survey
Revised by the Army Map Service
Published for civil use by the Geological Survey
Control by USGS, USC&GS, and Mississippi River Commission
Culture and drainage in part compiled from aerial photographs
taken 1946. Topography from planetable surveys by the
Geological Survey 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



SCALE 1:24 000
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, DENVER, COLORADO 80226, OR RESTON, VIRGINIA 22092
AND ILLINOIS GEOLOGICAL SURVEY, CHAMPAIGN, ILLINOIS 61820
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

To place on the predicted North American Datum 1983
move the projection lines 2 meters
9 meters east as shown by dashed corner ticks

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

COLUMBIA, ILL.
NW 1/4 WATERLOO 15' QUADRANGLE
38090 D2TF-024
PHOTOINSPECTED 1979
1955
PHOTOREVISED 1968 AND 1974
DMA 2960 I NW—SERIES V863

USGS NHD HISTORICAL MAP
AUG 18 1989
REC'D FILE COPY