



Mapped, edited, and published by the Geological Survey

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Culture and drainage in part compiled from aerial photographs taken 1941. Topography by plane-table surveys 1924 and 1951, and in part by U. S. Corps of Engineers. Field check 1951

Polycyclic projection. 1927 North American datum 10,000-foot grids based on Missouri coordinate system, east zone, and Illinois coordinate system, west zone

1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

Revisions shown in purple compiled from aerial photographs taken 1968 and 1974. This information not field checked

Purple tint indicates extension of urban areas

UTM GRID AND 1974 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

1°46' 31" M 71" M

TO PLACE ON THE PREDICTED NORTH AMERICAN DATUM 1983 move the projection lines 2 meters south and 9 meters east as shown by dashed corner ticks

Map photorevised 1979

No major culture or drainage changes observed

SCALE 1:24,000

1 000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0 1 2 3 4 5 6 7 8 9 10 KILOMETER

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 80225, OR RESTON, VIRGINIA 22092

THE DIVISION OF GEOLOGY AND LAND SURVEY

MISSOURI DEPARTMENT OF NATURAL RESOURCES, ROLLA, MISSOURI 65401

AND BY THE STATE GEOLOGICAL SURVEY, CHAMPAIGN, ILLINOIS 61820

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Heavy-duty ——— Light-duty ———

Medium-duty ——— Unimproved dirt ———

Interstate Route U. S. Route State Route

QUADRANGLE LOCATION

MISSOURI

COLUMBIA BOTTOM, MO.-ILL.

SW/4 ALTON 15' QUADRANGLE

38090-02-TF-024

1951

PHOTOINSPECTED 1979

PHOTOREVISED 1968 AND 1974

DMA 7961 1 SW-SERIES V879

RECU FILE COPY

1988