



Map by the Army Map Service
Published for civil use by the Geological Survey
Control by USGS, USC&GS, and USCE
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1952-1953. Field check 1953
Polyconic projection. 1927 North American datum
10,000-foot grids based on Illinois coordinate system,
west zone, and Iowa coordinate system, south zone
1000-metre Universal Transverse Mercator grid ticks,
zone 15, shown in blue
Unchecked elevations are shown in brown
Revisions shown in purple compiled by the Geological Survey from
aerial photographs taken 1975. This information not field checked

UTM GRID AND 1975 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

1°21' 24 MILS
3 1/2° 62 MILS

SCALE 1:24 000
NATIONAL GEODETIC VERTICAL DATUM OF 1929

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETRE

CONTOUR INTERVAL 10 FEET
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
STATE GEOLOGICAL SURVEY, URBANA, ILLINOIS 61801
AND IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA 52240
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
○ State Route

QUADRANGLE LOCATION

ILLINOIS

USGS
Historical File
Topographic Division

JOY, ILL.—IOWA
NW 1/4 KEITHSBURG 15' QUADRANGLE
N4107.5—W9052.5/7.5

1953
PHOTOGRAPHED 1975
AMS 2866 III NW—SERIES V863

MAY 23 1977
3750